



深圳市卓越至高电子有限公司
Shenzhen Excellent Top Electronics Co.,Ltd

卓越品质，至高服务

Excellent quality, High efficient service



优秀电源解决方案供应商
Excellent power solution manufacturer



公司简介

Company profile



深圳市卓越至高电子有限公司是一家优秀的电源解决方案供应商，拥有十余年的电源研发、制造经验。面对经济全球化的挑战，我们以质取胜，诚信经营，以优良的品质，完善的售后服务，赢得国内外客户的青睐。公司以"卓越品质,至高服务"为宗旨,竭诚为您提供性价比最高的产品与无微不至售后服务,热情欢迎您的咨询。



Shenzhen Excellent Top Electronics Co.,LTD is an excellent power solution manufacturer,with more than 10 years experiences in R&D and production of power supplies.Faced with the challenge of economic globalization,our quality,integrity management,with excellent quality,perfect after-sales service,win the favor of customers at home and abroad.Companies regard “excellent quality,high service” as the objective.We are trying our ultimate effort to provide you high -quality products and best service,warmly welcome your advice.

生产设备 production equipment

采用高新技术、智能化生产设备,设施齐全
Using high and new technology, intelligent production equipment, and facilities



我们的优势 【Our advantages】

我们的产品100%经过高温老化，符合CCC、CE、UL等多个国家权威机构的安全认证的标准。公司重视技术开发、人才培养，狠抓产品质量，以真诚、务实的态度与多家知名企业建立了合作与交流，成为战略合作伙伴，形成了广泛的产业战略联盟，共同拓展电源行业新天地。

Our products are 100% through high temperature aging, which accords with CCC、CE、UL and many other authoritative organization security standards. ETOP pays great attention to the technology development and personnel training, improving product quality, in good faith and pragmatic attitude with several well-known enterprises to establish the cooperation and exchanges, to be strategic partners, formed a widerange of strategic alliance of industry, exploring a new world of the power supply industry.



ISO9001:2008



ISO14001:2004



CE



CCC



FCC REPORT



CE REPORT



>>>因版面设计大小有限，更多证书请详询 · · · · ·

>>>Due to the limited size of the layout, More detailed about certificates , please contact us freely.

企业文化 【Enterprise culture】

◆ 公司愿景【Corporate vision】

打造国际电源卓越品牌,畅享幸福美满至高生活,“卓高”精神传承至2113年!

Create international power supply with 'excellent' brand, enjoyed happy and high quality life, with 'excellent' spirit to 2113 year!

◆ 企业文化核心【Enterprise culture core】

军队(战斗力)+学校(学习力)+家庭(凝聚力)

Army (Fighting)+School (learning)+Family (cohesion)

◆ 企业价值观【Enterprise values】

客户至上 以人为本 激情 诚信 团结拼搏

Customer orientation People oriented

Development & innovation Dedicated

开拓创新 敬业 感恩

Passion Gratitude

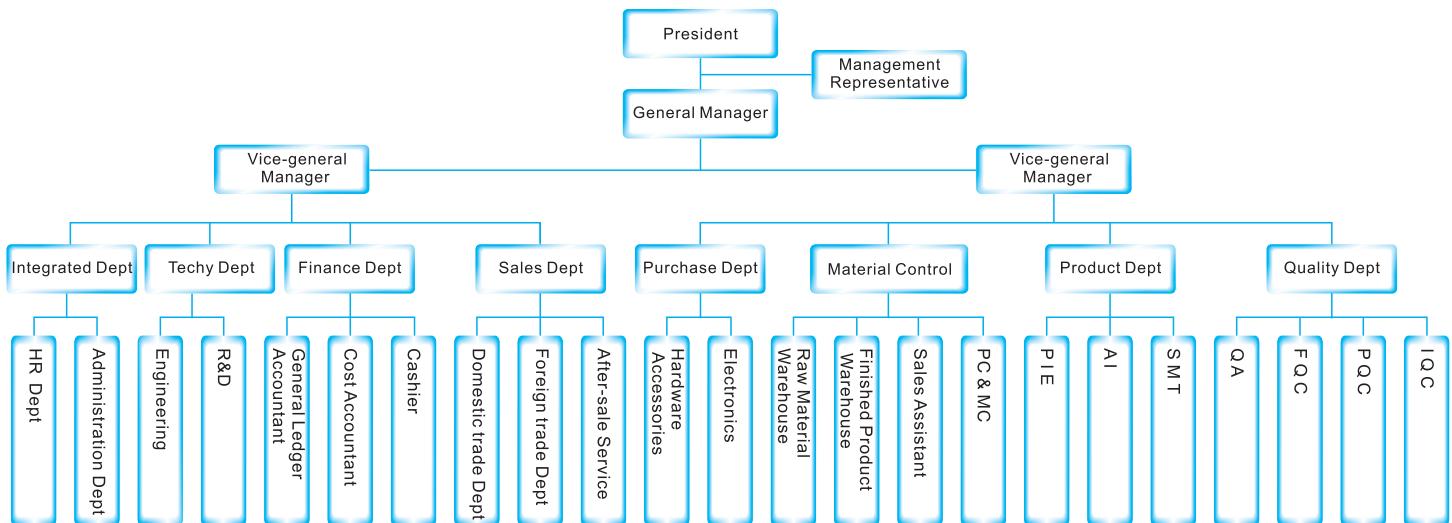
Integrity Solidarity

◆ 企业使命【Corporate mission】

创造绿色能源,引领科技创新!

To create green energy, leading scientific and technological innovation!

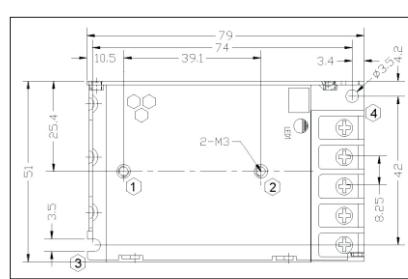
◆ 组织架构【Organization】



[12~15W Single Series]

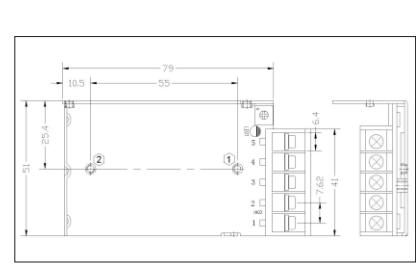

79*51*28.8 mm

HPS-U015SXXA


[25W Single Series]


79*51*28.8 mm

HPS-U025SXXA


■ Features

- ① Universal AC input
- ② 100% full load burn-in test
- ③ Small size, high power density
- ④ Constant voltage type
- ⑤ Low cost, long life and high reliability
- ⑥ No load power consumption < 0.5W
- ⑦ Suitable for critical applications
- ⑧ High operating tem. range (-20~70°C)
- ⑨ All using 105°C long life electrolytic capacitors
- ⑩ Protection: Short circuit/Over load /over voltage

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U015S3.3A	3.3V/4A	<50mV	± 3%	± 1%	± 2%	70%
HPS-U015S05A	5V/3A	<50mV	± 3%	± 1%	± 2%	76%
HPS-U015S12A	12V/1.3A	<120mV	± 3%	± 1%	± 2%	80%
HPS-U015S15A	15V/1A	<120mV	± 3%	± 1%	± 2%	81%
HPS-U015S24A	24V/0.7A	<120mV	± 3%	± 1%	± 2%	83%

Input Volt & Freq 90~264VAC 47~63Hz
Start,Rise time <1S, >20ms/230VAC <2S, >10ms/120VAC (Full load)
Working environment -20°C~+70°C, 20~90%RH, non-condensing
Temperature coefficient ±0.03%/°C (0~50°C)
Overload >105%~150%, hiccup mode, Auto recovery
Over current >110%~200%, rate output current (constant power)
Over temp. N/C
EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC) I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC
Leakage current I/P-O/P<0.25mA I/P-PG<3.5mA

■ Features

- ① Universal AC input
- ② 100% full load burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ long life and high reliability
- ⑥ No load power consumption < 0.5W
- ⑦ Suitable for critical applications
- ⑧ High operating tem. range (-20~70°C)
- ⑨ All using 105°C long life electrolytic capacitors
- ⑩ Protection: Short circuit/Over voltage/over load

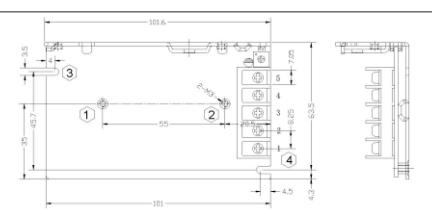
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U025S3.3A	3.3V/7.5A	<50mV	± 2%	± 1%	± 2%	70%
HPS-U025S05A	5V/5A	<80mV	± 2%	± 1%	± 2%	75%
HPS-U025S12A	12V/2.1A	<120mV	± 2%	± 1%	± 2%	80%
HPS-U025S15A	15V/1.6A	<150mV	± 2%	± 1%	± 2%	81%
HPS-U025S24A	24V/1.1A	<240mV	± 2%	± 1%	± 2%	83%

Input Volt & Freq 90~264VAC 47~63Hz
Start,Rise time <2S, >14S/120VAC <1S, >20S/230VAC (Full load)
Working environment -25°C~+70°C, 20~90%RH, non-condensing
Temperature coefficient ±0.03%/°C (0~50°C)
Overload >105%~150%, rate output current (constant voltage)
Over current >105%~150%, rate output current (constant power)
Over Temp. N/C
EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC) I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC
Leakage current I/P-O/P<0.25mA I/P-PG<0.75mA

[35W Single Series]


101.6*63.5*33 mm

HPS-U035SXXA


■ Features

- ① Universal AC input
- ② 100% full load burn-in test
- ③ High efficiency, low cost
- ④ High operating tem. range
- ⑤ Protection: Short circuit/Over voltage/over load
- ⑥ No load power consumption < 0.5W
- ⑦ Suitable for critical applications
- ⑧ Short-time withstand 300VAC 5sec
- ⑨ PCB solder side brush anti-corrosion paint
- ⑩ All using 105°C long life electrolytic capacitors

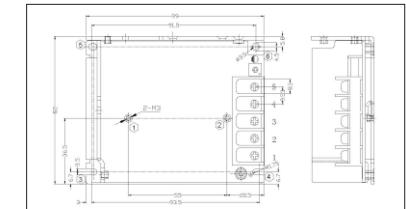
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U035S05A	5V/6A	<50mV	± 3%	± 0.5%	± 1%	80%
HPS-U035S12A	12V/3A	<80mV	± 3%	± 0.5%	± 1%	84%
HPS-U035S15A	15V/2.4A	<80mV	± 3%	± 0.5%	± 1%	86%
HPS-U035S24A	24V/1.5A	<120mV	± 3%	± 0.5%	± 1%	87%
HPS-U035S48A	48V/0.76A	<180mV	± 3%	± 0.5%	± 1%	88%

Input Volt & Freq 90~264VAC 47~63Hz
Start,Rise time <1S, >20ms/230VAC (Full load)
Working environment -25°C~+70°C, 20~90%RH, non-condensing
Temperature coefficient ±0.03%/°C
Overload >105%~150%, rate output current (constant voltage)
Over current >105%~150%, rate output current (constant power)
Over Temp. N/C
EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC) I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC
Leakage current I/P-O/P<0.25mA I/P-PG<3.5mA

[50W Single Series]


99*82*35 mm

HPS-U050SXXA

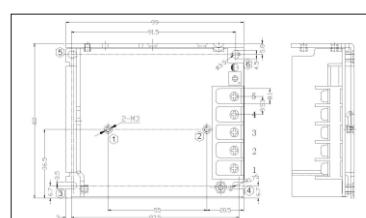

■ Features

- ① Universal AC input
- ② 100% full load burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ Protection: Short circuit/Over voltage/over load
- ⑥ No load power consumption < 0.5W
- ⑦ Suitable for critical applications
- ⑧ Short-time withstand 300VAC 5sec
- ⑨ PCB solder side brush anti-corrosion paint
- ⑩ All using 105°C long life electrolytic capacitors

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U050S05A	5V/8A	<80mV	± 3%	± 0.5%	± 1%	80%
HPS-U050S12A	12V/4.2A	<120mV	± 3%	± 0.5%	± 1%	84.5%
HPS-U050S15A	15V/3.4A	<120mV	± 3%	± 0.5%	± 1%	85.5%
HPS-U050S24A	24V/2.2A	<200mV	± 3%	± 0.5%	± 1%	87%
HPS-U050S48A	48V/1.12A	<200mV	± 3%	± 0.5%	± 1%	88.5%

Input Volt & Freq 90~264VAC 47~63Hz
Start,Rise time <2S/115VAC <1.5S/230VAC (Full load)
Working environment -25°C~+70°C, 20~90%RH, non-condensing
Temperature coefficient ±0.03%/°C
Overload >105%~150%, rate output current (constant voltage)
Over current >105%~150%, rate output current (constant power)
Over Temp. N/C
EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC) I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC
Leakage current I/P-O/P<0.25mA I/P-PG<3.5mA

【60W Single Series】


HPS-U060SXXA


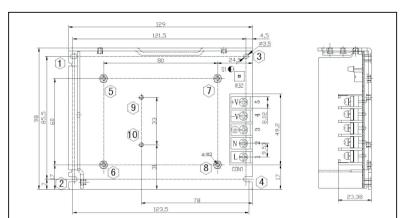
■ Features

- ① Universal AC input
- ② 100% fullload burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ High reliability, long life
- ⑥ PCB solder side brush anti-corrosion paint
- ⑦ No load power consumption < 0.5W
- ⑧ Suitable for critical applications
- ⑨ High operating tem. range (-25~70°C)
- ⑩ Short-time withstand 300VAC 5sec
- ⑪ All using 105°C long life electrolytic capacitors
- ⑫ Protection:Short circuit/Over current/Over voltage

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U060S05A	5V/12A	80mVp-p	±2%	±0.5%	±0.5%	77%
HPS-U060S12A	12V/5A	120mVp-p	±2%	±0.5%	±0.5%	82%
HPS-U060S15A	15V/4A	150mVp-p	±2%	±0.5%	±0.5%	83%
HPS-U060S24A	24V/2.5A	200mVp-p	±2%	±0.5%	±0.5%	86%
HPS-U060S48A	48V/1.3A	240mVp-p	±2%	±0.5%	±0.5%	87%

Input Volt & Freq	176~264VAC	47~63Hz
Start,Rise time	<1.5S/230VAC	(Full load)
Working environment	-25°C~+70°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C	
Over load	>130%~150%, rate output current (constant voltage)	
Over current	>110%~150%, rate output current (constant power)	
Over temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	I/P-O/P<0.25mA I/P-PG<3.5mA	

【75W Single Series】

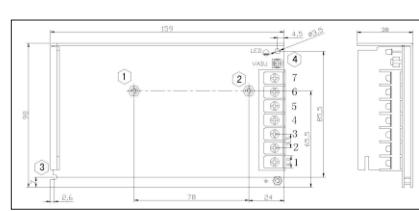

HPS-U075SXXA


■ Features

- ① High voltage AC input range
- ② 100% full load burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ High reliability, long life
- ⑥ PCB solder side brush anti-corrosion paint
- ⑦ No load power consumption < 0.5W
- ⑧ Suitable for critical applications
- ⑨ High operating tem. range (-25~70°C)
- ⑩ Short-time withstand 300VAC 5sec
- ⑪ All using 105°C long life electrolytic capacitors
- ⑫ Protection:Short circuit/Over current/Over voltage

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U075S05A	5V/12A	<50mV	±1%	±0.5%	±1%	≥79%
HPS-U075S12A	12V/6A	<80mV	±1%	±0.5%	±1%	≥84%
HPS-U075S15A	15V/5A	<80mV	±1%	±0.5%	±1%	≥86%
HPS-U075S24A	24V/3.2A	<80mV	±1%	±0.5%	±1%	≥86.5%
HPS-U075S48A	48V/1.62A	<120mV	±1%	±0.5%	±1%	≥88%

【100W Single Series】


HPS-U101SXXA


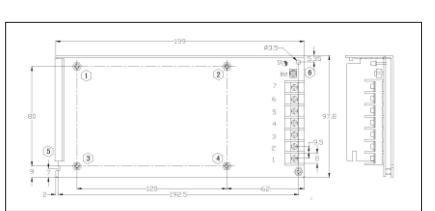
■ Features

- ① Universal AC input (full range)
- ② 100% full load burn-in test
- ③ Low cost, high reliability
- ④ Constant voltage type
- ⑤ All using 105°C long life electrolytic capacitors
- ⑥ High efficiency, high reliability
- ⑦ High operating temp. range
- ⑧ Protection:Short circuit/Over current/Over voltage

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U101S05A	5V/16A	<50mV	±2%	±0.5%	±1%	78%
HPS-U101S12A	12V/8.5A	<100mV	±2%	±0.5%	±1%	79%
HPS-U101S15A	15V/7A	<100mV	±2%	±0.5%	±1%	81%
HPS-U101S24A	24V/4.5A	<120mV	±2%	±0.5%	±1%	84%
HPS-U101S48A	48V/2.3A	<200mV	±2%	±0.5%	±1%	83%

Input Volt & Freq	90~264VAC	47~63Hz
Start,Rise time	<1S, >20ms/230VAC	(Full load)
Working environment	-25°C~+70°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C	
Over load	>105%~150%, rate output current (constant voltage)	
Over current	>110%~140%, rate output current (constant power)	
Over Temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	I/P-O/P<0.25mA I/P-PG<3.5mA	

【150W Single Series】


HPS-U151SXXA


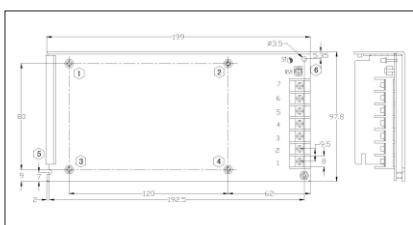
■ Features

- ① Switch-selectable AC input (115/230VAC)
- ② 100% full load burn-in test
- ③ Low cost, high reliability
- ④ Constant voltage type
- ⑤ High efficiency, long life, high reliability
- ⑥ High operating tem. range
- ⑦ Protection:Short circuit/Over voltage/overload
- ⑧ All using 105°C long life electrolytic capacitors

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U151S05A	5V/26A	<60mV	±2%	±0.5%	±1%	78%
HPS-U151S12A	12V/12.5A	<120mV	±2%	±0.5%	±1%	83%
HPS-U151S15A	15V/10A	<120mV	±2%	±0.5%	±1%	83%
HPS-U151S24A	24V/6.5A	<120mV	±2%	±0.5%	±1%	85%
HPS-U151S48A	48V/3.3A	<200mV	±2%	±0.5%	±1%	85%

Input Volt & Freq	88~132 or 176~264VAC	47~63Hz
Start,Rise time	<2S/120VAC <1S/230VAC (Full load)	
Working environment	-25°C~+70°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>130%~150%, rate output current (constant voltage)	
Over current	>110%~150%, rate output current (constant power)	
Over Temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	I/P-O/P<0.25mA I/P-PG<3.5mA	

【200W Single Series】


HPS-U201SXXA


■ Features

- ① AC input range selectable by switch
- ② 100% full load burn-in test
- ③ Constant voltage type
- ④ Low cost, high efficiency, long life
- ⑤ Protection: Short circuit/Over voltage/over load
- ⑥ LED indicator for power on
- ⑦ Withstand 300VAC surge, input 5s
- ⑧ Cooling by free air convection
- ⑨ With constant current limiting circuit
- ⑩ 2-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPP-U201S3.3A	3.3V/60A	150mVp-p	±2%	±0.5%	±1.5%	75%
HPP-U201S05A	5V/40A	150mVp-p	±2%	±0.5%	±1%	79%
HPP-U201S7.5A	7.5V/27A	150mVp-p	±2%	±0.5%	±1%	82%
HPP-U201S12A	12V/17A	150mVp-p	±1%	±0.5%	±0.5%	85%
HPP-U201S15A	15V/14A	150mVp-p	±1%	±0.5%	±0.5%	85%
HPP-U201S24A	24V/8.8A	150mVp-p	±1%	±0.5%	±0.5%	87%
HPP-U201S27A	27V/7.8A	200mVp-p	±1%	±0.5%	±0.5%	88%
HPP-U201S36A	36V/5.9A	240mVp-p	±1%	±0.5%	±0.5%	89%
HPP-U201S48A	48V/4.4A	240mVp-p	±1%	±0.5%	±0.5%	89%

Input Volt & Freq 90~132 or 180~264VAC(Switch-selectable) 47~63Hz

Start,Rise time <1S, 50mS/230VAC (Full load), <1S, 50mS/115VAC

Working environment -25°C~+70°C, 20~90%RH, non-condensing

Temperature coefficient ±0.03%/°C(-20°C~65°C)

Overload >130%~150%, rate output current(constant voltage)

Over current >110%~150%, rate output current(constant power)

Over temp. N/C

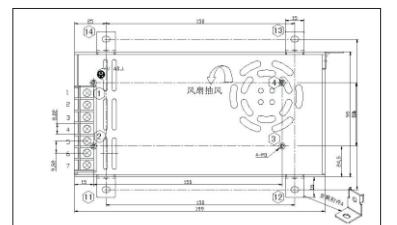
EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11

Safety Standard EN60950-1, CCC GB4943, J60950-1

Withstand voltage(VAC) I/P-0/P:1.5KVAC I/P-PG:1.5KVAC

Leakage current <3.5mA/240VAC

【350W Single Series】



■ Features

- ① 184~264Vac input
- ② 100% full load burn-in test
- ③ High efficiency, low cost
- ④ Constant voltage type
- ⑤ The output voltage can prevent intrusion
- ⑥ Fan temperature control design, it effectively extends the life of the fan
- ⑦ High operating tem. range
- ⑧ 300VAC without damage
- ⑨ With active PFC function
- ⑩ Protection:Short circuit/over load/over current
- ⑪ Output constant 19±2A, suitable for industrial control

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U351S3.3A	3.3V/60A	150mVp-p	±3%	±0.5%	±2.5%	74%
HPS-U351S05A	5V/60A	150mVp-p	±3%	±0.5%	±2%	78%
HPS-U351S7.5A	7.5V/46A	150mVp-p	±2%	±0.5%	±2%	80%
HPS-U351S12A	12V/29A	150mVp-p	±1.5%	±0.5%	±1%	83%
HPS-U351S15A	15V/23.2A	150mVp-p	±1%	±0.5%	±0.5%	84%
HPS-U351S24A	24V/14.6A	150mVp-p	±1%	±0.5%	±0.5%	87%
HPS-U351S27A	27V/13A	200mVp-p	±1%	±0.5%	±0.5%	88%
HPS-U351S38A	38V/9.7A	240mVp-p	±1%	±0.5%	±0.5%	87.5%
HPS-U351S48A	48V/7.3A	240mVp-p	±1%	±0.5%	±0.5%	87.5%

Input Volt & Freq 180~264VAC 47~63Hz

Start,Rise time <2S/120VAC <1S/230VAC(Full load)

Working environment -20°C~+70°C, 20~90%RH, non-condensing

Temperature coefficient ±0.03%/°C(-20°C~+70°C)

Overload >130%~150%, rate output current (constant voltage)

Over current >110%~150%, rate output current (constant power)

Over Temp. N/C

EMC Standard EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11

Safety Standard EN60950-1, CCC GB4943, J60950-1

Withstand voltage(VAC) I/P-0/P:1.5KVAC I/P-PG:1.5KVAC

Leakage current I/P-0/P<0.25mA I/P-PG<3.5mA

【5-15W Single Series】

HPS-U015SXXL


- ① Universal AC input
- ② 100% full load burn-in test
- ③ Small size, high power density
- ④ Constant voltage type
- ⑤ Low cost, long life and high reliability
- ⑥ Suitable for critical applications
- ⑦ Protection: Short circuit/Over load/over voltage

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U015S05L	5V/2.5A	<50mV	±3%	±1%	±2%	76%
HPS-U015S12L	12V/1.3A	<120mV	±3%	±1%	±2%	80%
HPS-U015S15L	15V/1A	<120mV	±3%	±1%	±2%	81%
HPS-U015S24L	24V/0.7A	<120mV	±3%	±1%	±2%	83%

Input Volt & Freq 100~240VAC 47~63Hz

Start,Rise time <1S, >20mS/230VAC <2S, >10mS/115VAC(Full load)

Working environment 0°C~+45°C, 20~90%RH, non-condensing

Temperature coefficient ±0.03%/°C (0~50°C)

Overload >105%~150%, hiccup mode, Auto recovery

Over current >110%~200%, rate output current (constant power)

Over temp. N/C

EMC Standard N/C

Safety Standard N/C

Withstand voltage(VAC) I/P-0/P:1.5KVAC I/P-PG:1.5KVAC

Leakage current I/P-0/P<0.25mA I/P-PG<3.5mA

【20-36W Single Series】

HPS-U036SXXL


- ① Universal AC input
- ② 100% full load burn-in test
- ③ High efficiency, low cost
- ④ Small size, high power density
- ⑤ Protection: Short circuit/Over voltage/over load
- ⑥ LED indicator for power on
- ⑦ Short-time withstand 300VAC 5sec
- ⑧ Cooling by free air convection
- ⑨ Output voltage level adjustable

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U036S05L	5V/4A	<100mV	±3%	±0.5%	±1%	80%
HPS-U036S12L	12V/3A	<120mV	±3%	±0.5%	±1%	84%
HPS-U036S15L	15V/2.4A	<150mV	±3%	±0.5%	±1%	86%
HPS-U036S24L	24V/1.5A	<240mV	±3%	±0.5%	±1%	87%
HPS-U036S48L	48V/0.76A	<480mV	±3%	±0.5%	±1%	88%

Input Volt & Freq 100~240VAC 47~63Hz

Start,Rise time <1S, >20mS/230VAC <2S, >10mS/115VAC(Full load)

Working environment 0°C~+45°C, 20~90%RH, non-condensing

Temperature coefficient ±0.03%/°C (0~50°C)

Overload >105%~150%, hiccup mode, Auto recovery

Over current >110%~200%, rate output current (constant power)

Over temp. N/C

EMC Standard N/C

Safety Standard N/C

Withstand voltage(VAC) I/P-0/P:1.5KVAC I/P-PG:1.5KVAC

Leakage current I/P-0/P<0.25mA I/P-PG<3.5mA

【40-75W Single Series】

■ Features

- ① High voltage AC input range
- ② 100% full load burn-in test
- ③ Small size, high power density
- ④ Constant voltage type
- ⑤ Low cost, long life and high reliability
- ⑥ Protection: Short circuit/Over current/Over voltage
- ⑦ No load power consumption < 0.5W
- ⑧ Suitable for critical applications
- ⑨ Short-time withstand 300VAC 5sec
- ⑩ All using 105°C long life electrolytic capacitors
- ⑪ PCB solder side brush anti-corrosion paint



112*78*36mm

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U075S05L	5V/6A	100mV	±1%	±0.5%	±1%	≥75%
HPS-U075S12L	12V/5A	150mV	±1%	±0.5%	±1%	≥80%
HPS-U075S15L	15V/5A	180mV	±1%	±0.5%	±1%	≥83%
HPS-U075S24L	24V/3.2A	200mV	±1%	±0.5%	±1%	≥87.5%
HPS-U075S48L	48V/1.62A	240mV	±1%	±0.5%	±1%	≥88%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	<1S/230VAC	<3S/120VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over current	>110%~200%, rate output current(constant power)	
Over temp.	N/C	
EMC Standard	N/C	
Safety Standard	N/C	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC	I/P-PG:1.5KVAC
Leakage current	I/P-O/P<0.25mA	I/P-PG<3.5mA

【150-180W Single Series】

■ Features

- ① Universal AC input (full range)
- ② 100% fullload burn-in test
- ③ Low cost, high reliability
- ④ Constant voltage type
- ⑤ Small size, high power density
- ⑥ LED indicator for power on
- ⑦ Output voltage level adjustable
- ⑧ Protection: Short circuit/Over voltage/overload



160*97*42.5mm

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U181S05L	5V/30A	<60mV	±2%	±0.5%	±1%	78%
HPS-U181S12L	12V/12.5A	<120mV	±2%	±0.5%	±1%	83%
HPS-U181S15L	15V/10A	<150mV	±2%	±0.5%	±1%	83%
HPS-U181S24L	24V/7.5A	<240mV	±2%	±0.5%	±1%	85%
HPS-U181S48L	48V/3.75A	<480mV	±2%	±0.5%	±1%	85%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	<1S/230VAC	<3S/120VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over current	>110%~200%, rate output current(constant power)	
Over temp.	N/C	
EMC Standard	N/C	
Safety Standard	N/C	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC	I/P-PG:1.5KVAC
Leakage current	I/P-O/P<0.25mA	I/P-PG<3.5mA

【80-120W Single Series】

HPS-U075SXXL

■ Features

- ① Universal AC input (full range)
- ② 100% full load burn-in test
- ③ Low cost, high reliability
- ④ Constant voltage type
- ⑤ All using 105°C long life electrolytic capacitors
- ⑥ Short-time withstand 300VAC 5sec
- ⑦ Protection: Short circuit/Overcurrent/Over voltage



129*98*38mm

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U101S05L	5V/9A	<100mV	±2%	±0.5%	±1%	78%
HPS-U101S12L	12V/8.3A	<150mV	±2%	±0.5%	±1%	80%
HPS-U101S15L	15V/6.7A	<180mV	±2%	±0.5%	±1%	82%
HPS-U101S24L	24V/4.2A	<200mV	±2%	±0.5%	±1%	85%
HPS-U101S48L	48V/2.1A	<240mV	±2%	±0.5%	±1%	87%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	<1S/230VAC	<3S/120VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over current	>110%~200%, rate output current(constant power)	
Over temp.	N/C	
EMC Standard	N/C	
Safety Standard	N/C	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC	I/P-PG:1.5KVAC
Leakage current	I/P-O/P<0.25mA	I/P-PG<3.5mA

【200-250W Single Series】

■ Features

- ① Universal AC input (full range)
- ② 100% full load burn-in test
- ③ Low cost, high efficiency, long life
- ④ Constant voltage type
- ⑤ Protection: Short circuit/Over voltage/over load
- ⑥ LED indicator for power on
- ⑦ Cooling by free air convection
- ⑧ With constant current limiting circuit
- ⑨ 1 year warranty



199*99*50 mm

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U201S05L	5V/12A	150mVp-p	±2%	±0.5%	±1%	79%
HPS-U201S12L	12V/10A	150mVp-p	±1%	±0.5%	±0.5%	85%
HPS-U201S15L	15V/10A	150mVp-p	±1%	±0.5%	±0.5%	85%
HPS-U201S24L	24V/8.3A	150mVp-p	±1%	±0.5%	±0.5%	87%
HPS-U201S27L	27V/7.5A	200mVp-p	±1%	±0.5%	±0.5%	88%
HPS-U201S36L	36V/5.6A	240mVp-p	±1%	±0.5%	±0.5%	89%
HPS-U201S48L	48V/4.2A	240mVp-p	±1%	±0.5%	±0.5%	89%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	<1S, 20mS/230VAC	<3S, 20mS/120VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>130%~150%, hiccup mode, Auto recovery	
Over current	>110%~150%, rate output current(constant power)	
Over temp.	N/C	
EMC Standard	N/C	
Safety Standard	N/C	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC	I/P-PG:1.5KVAC
Leakage current	I/P-O/P<0.25mA	I/P-PG<3.5mA

【300-350W Single Series】

■ Features

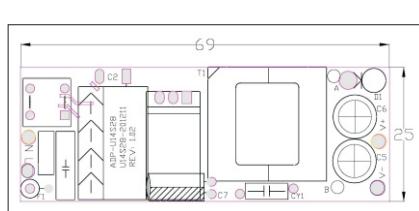
- ① Universal AC input
- ② 100% full load burn-in test
- ③ High efficiency, low cost
- ④ Constant voltage type
- ⑤ Fan temperature control design, it effectively extends the life of the fan
- ⑥ With active PFC function
- ⑦ Protection:Short circuit/overload



Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
HPS-U351S05L	5V/60A	50mVp-p	± 3%	± 0.5%	± 2%	78%
HPS-U351S12L	12V/29A	120mVp-p	± 1.5%	± 0.5%	± 1%	83%
HPS-U351S15L	15V/23.2A	150mVp-p	± 1%	± 0.5%	± 0.5%	84%
HPS-U351S24L	24V/14.6A	240mVp-p	± 1%	± 0.5%	± 0.5%	87%
HPS-U351S27L	27V/13A	270mVp-p	± 1%	± 0.5%	± 0.5%	88%
HPS-U351S38L	38V/9.7A	380mVp-p	± 1%	± 0.5%	± 0.5%	87.5%
HPS-U351S48L	48V/7.3A	480mVp-p	± 1%	± 0.5%	± 0.5%	87.5%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	<1S/230VAC	<3S/120VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	± 0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over current	>110%~200%, rate output current(constant power)	
Over temp.	N/C	
EMC Standard	N/C	
Safety Standard	N/C	
Withstand voltage(VAC)	I/P~O/P:1.5KVAC	I/P~PG:1.5KVAC
Leakage current	I/P~O/P<0.25mA	I/P~PG<3.5mA

【12W Constant-current】



■ Features

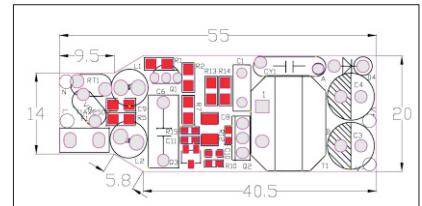
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small size, Low cost, High reliability
- ④ Constant voltage type
- ⑤ Cooling by free air Convection
- ⑥ Protections:Short circuit/Over load/Over temp.
- ⑦ Apply for LED light
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EBS-U012S05A	5V/2A	100mVp-p	CC	± 1%	± 5%	82%
EBS-U012S09A	9V/1.33A	120mVp-p	CC	± 1%	± 5%	85%
EBS-U012S12A	12V/1A	150mVp-p	CC	± 1%	± 5%	85%
EBS-U012S24A	24V/0.5A	240mVp-p	CC	± 1%	± 5%	88%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	± 0.03%/°C (0~50°C)	
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	I/P~O/P:3 KVAC I/P~PG:1.5KVAC O/P~PG:0.5KVAC	
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1	
Leakage current	0.75mA/240VAC	

EBS-U012SXXA

【10W Constant-current Dimmer】



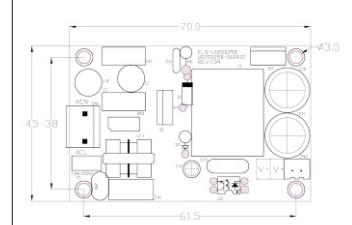
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ High PFC, low THD, low noise
- ⑥ No load consumption<0.3w
- ⑦ Adjust the linear, applicable thyristor, adjustable LED light
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ELP-U010S40B	40V/280mA	2500mVp-p	CC	± 1%	± 5%	80%
ELP-U010S50B	50V/280mA	2500mVp-p	CC	± 1%	± 5%	80%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	± 0.03%/°C (0~50°C)	
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P~O/P:3 KVAC	I/P~PG:1.5KVAC
Leakage current	0.75mA/240VAC	

【20W Constant voltage with PFC Series】



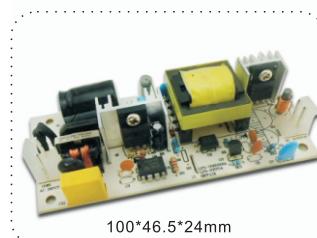
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ High efficiency, Low cost
- ④ Constant voltage type
- ⑤ Built-in active PFC function
- ⑥ Cooling by free air Convection
- ⑦ Apply for LED light
- ⑧ Protections:Short circuit/Over load/Over voltage/Over temp.
- ⑨ 3-year warranty

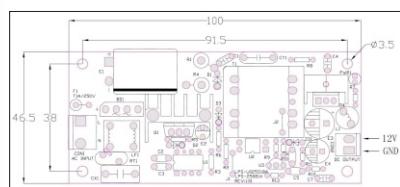
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ELP-U020S09B	9V/2.2A	100mVp-p	± 3%	± 1%	± 3%	85%
ELP-U020S10B	10V/2A	100mVp-p	± 3%	± 1%	± 3%	85%
ELP-U020S12B	12V/1.6A	120mVp-p	± 3%	± 1%	± 3%	86%
ELP-U020S24B	24V/0.83A	240mVp-p	± 3%	± 1%	± 3%	88%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing	
Temperature coefficient	± 0.03%/°C (0~50°C)	
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P~O/P:3 KVAC	I/P~PG:1.5KVAC
Leakage current	0.75mA/240VAC	

【25W Constant voltage Series】

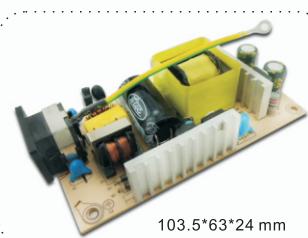


100*46.5*24mm

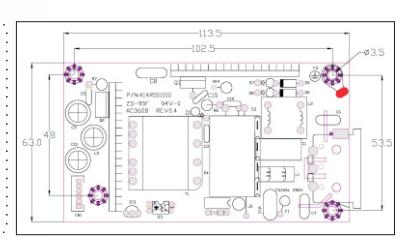


LPS-U025S12A

【36W Constant voltage】



103.5*63*24 mm



LPS-U036S12B

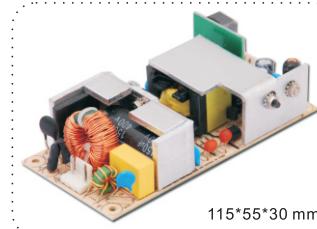
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small size, Low cost
- ④ Constant voltage type
- ⑤ Constant voltage type
- ⑥ Protections: Short circuit/Over load/Over temp.
- ⑦ High efficiency, high reliability
- ⑧ 3-year warranty

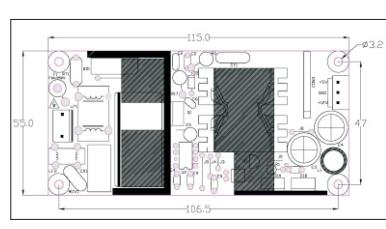
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U025S05A	5V/3A	100mVp-p	±3%	±1%	±3%	80%
LPS-U025S12A	12V/2.1A	120mVp-p	±3%	±1%	±3%	86%
LPS-U025S18A	18V/1.38A	150mVp-p	±3%	±1%	±3%	88%
LPS-U025S24A	24V/1.1A	200mVp-p	±3%	±1%	±3%	89%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Withstand voltage(VAC)	I/P-0/P:3 KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC	
Leakage current	0.75mA/240VAC	

【60W Dual Series】



115*55*30 mm



LPS-U060DXXB

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ Cooling by free air Convection
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ All using 105°C long life electrolytic capacitors
- ⑧ 3-year warranty

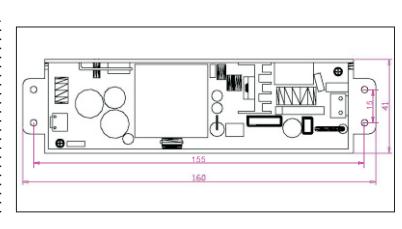
Model	Output	R&N	Tol.	Effi.
LPS-U060D1205B	5V/2A 12V/4.5A	100mVp-p 120mVp-p	±4% ±3%	80%
LPS-U060S1505B	5V/2A 15V/3.6A	100mVp-p 150mVp-p	±4% ±3%	81%
LPS-U036S2405B	5V/2A 24V/2.2A	100mVp-p 180mVp-p	±4% ±3%	82%
LPS-U036S1224B	12V/1A 24V/2A	120mVp-p 180mVp-p	±3% ±3%	82%
LPS-U036S1248B	12V/1A 48V/1A	120mVp-p 200mVp-p	±3% ±3%	82%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	1000mS, 30mS/230VAC	3000mS, 20mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-0/P:3 KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC	
Leakage current	0.75mA/240VAC	

【75W With PFC Series】



160*41*23 mm



EBP-U075SXXA

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.9
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ 3-year warranty

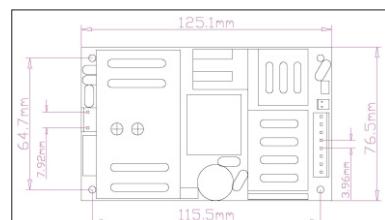
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EBP-U075S24A	24V/3A	100mVp-p	±3%	±1%	±2%	81%
EBP-U075S48A	48V/1.65A	120mVp-p	±2%	±1%	±1%	83%
EBP-U075S52A	52V/1.45A	200mVp-p	±2%	±1%	±1%	83%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	100mS, 35mS/230VAC	100mS, 35mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)	
Over load	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-0/P:3 KVAC I/P-PG:1.5KVAC	
Leakage current	0.75mA/240VAC	

【125W With PFC Series】



127*76.5*33 mm

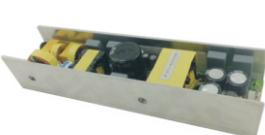


■ Features

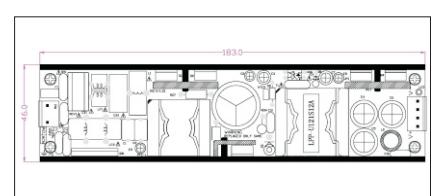
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/high quality
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.95
- ⑥ All using 105°C long life electrolytic capacitors
- ⑦ Protections: Short circuit/Over load/Over voltage
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U121S24A	24V/5A	240mVp-p	±2%	±1%	±5%	85%
LPP-U121S48A	48V/2.5A	240mVp-p	±3%	±1%	±3%	88%
LPP-U121S52A	52V/2.3A	480mVp-p	±3%	±1%	±3%	90%
Input Volt & Freq			100~240VAC	47~63Hz		
Start,Rise time				3000mS, 20mS/230VAC		
Working environment			0°C~+40°C	20~90%RH, non-condensing		
Temperature coefficient				±0.03%/°C (0~50°C)		
Over load			>105%~150%, hiccup mode, Auto recovery			
Over voltage			>115%~135%, hiccup mode, Auto recovery			
Over Temp.			N/C			
Safety Standard			EN60950-1, CCC GB4943, J60950-1			
EMC Standard			En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11			
Withstand voltage(VAC)			I/P-0/P:1.5KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC			
Leakage current			0.75mA/240VAC			

【120W With PFC Series】



180*41*35 mm



■ Features

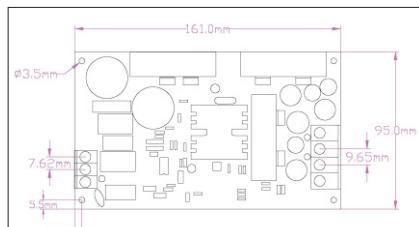
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.95
- ⑥ Cooling by free air convection
- ⑦ Protections: Short circuit/Over load/Over voltage
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U121S12B	12V/10A	200mVp-p	±5%	±1%	±5%	80%
LPP-U121S24B	24V/5A	240mVp-p	±3%	±1%	±3%	88%
LPP-U121S48B	48V/2.5A	400mVp-p	±3%	±1%	±3%	90%
LPP-U121S52B	52V/2.3A	400mVp-p	±3%	±1%	±3%	90%
Input Volt & Freq			100~240VAC	47~63Hz		
Start,Rise time			2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)			
Working environment			0°C~+40°C	20~90%RH, non-condensing		
Temperature coefficient				±0.03%/°C (0~50°C)		
Over load			>105%~150%, hiccup mode, Auto recovery			
Over voltage			>115%~135%, hiccup mode, Auto recovery			
Over Temp.			N/C			
Safety Standard			EN60950-1, CCC GB4943, J60950-1			
EMC Standard			En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11			
Withstand voltage(VAC)			I/P-0/P:1.5KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC			
Leakage current			0.75mA/240VAC			

【150W Dual Series】



161*95*35 mm

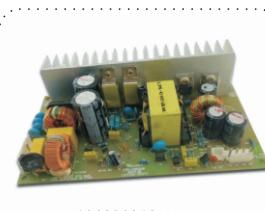


■ Features

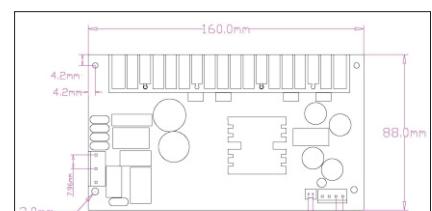
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, long life
- ④ Constant voltage type
- ⑤ LED indicator
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ Cooling by free air convection
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Effi.
LPS-U151D4805B	5V/3A 48V/3A	100mVp-p 200mVp-p	±4% ±5%	82%
LPS-U151S2405B	5V/8A 24V/5A	100mVp-p 180mVp-p	±4% ±5%	82%
LPS-U151S2412B	24V/4.5A 12V/4A	120mVp-p 180mVp-p	±3% ±5%	82%
LPS-U151S2415B	15V/6A 24V/3A	150mVp-p 180mVp-p	±3% ±5%	82%
LPS-U151S4824B	24V/2A 48V/2.3A	180mVp-p 200mVp-p	±3% ±5%	82%
Input Volt & Freq			100~240VAC	47~63Hz
Start,Rise time			2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)	
Working environment			0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient			±0.03%/°C (0~50°C)	
Over load			>110%~200%, hiccup mode, Auto recovery	
Over voltage			>115%~135%, hiccup mode, Auto recovery	
Over Temp.			N/C	
EMC Standard			En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard			EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)			I/P-0/P:1.5KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC	
Leakage current			0.75mA/240VAC	

【160W Single Series】



160*88*42.5 mm

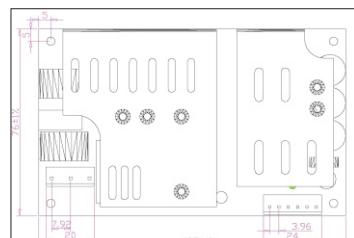


■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, long life
- ④ Constant voltage type
- ⑤ LED indicator
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ Cooling by free air convection
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U161S12B	12V/12A	200mVp-p	±5%	±1%	±5%	80%
LPS-U161S24B	24V/6.7A	240mVp-p	±3%	±1%	±3%	88%
LPS-U161S28B	28V/5.7A	480mVp-p	±3%	±1%	±3%	90%
LPS-U161S52B	52V/3A	480mVp-p	±3%	±1%	±3%	90%
Input Volt & Freq			100~240VAC	47~63Hz		
Start,Rise time			2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)			
Working environment			0°C~+45°C	20~90%RH, non-condensing		
Temperature coefficient			±0.03%/°C (0~50°C)			
Over load			>110%~200%, hiccup mode, Auto recovery			
Over voltage			>115%~135%, hiccup mode, Auto recovery			
Over Temp.			N/C			
EMC Standard			En55022 class B, EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11			
Safety Standard			EN60950-1, CCC GB4943, J60950-1			
Withstand voltage(VAC)			I/P-0/P:1.5KVAC I/P-PG:1.5KVAC			
Leakage current			0.75mA/240VAC			

【200W With PFC Series】



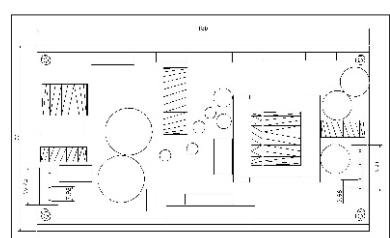
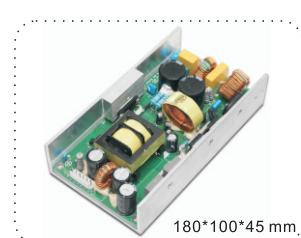
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.95
- ⑥ Cooling by free air convection
- ⑦ Protections:Short circuit/Over load/Over voltage
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U201S12A	12V/16.6A	100mVp-p	±3%	±3%	±3%	89%
LPP-U201S15A	15V/13.3A	100mVp-p	±3%	±3%	±3%	89%
LPP-U201S24A	24V/8.3A	150mVp-p	±2%	±2%	±2%	89%
LPP-U201S27A	27V/7.4A	150mVp-p	±2%	±2%	±2%	89%
LPP-U201S48A	48V/4.16A	250mVp-p	±2%	±2%	±2%	90%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	2000ms, 30ms/230VAC 3000ms, 30ms/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery
Over voltage	>115%~135%, hiccup mode, Auto recovery
Over Temp.	N/C
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC)	I/P-O/P:3 KVAC I/P-PG:1.5KVAC
Leakage current	0.75mA/240VAC

【350W With PFC Series】



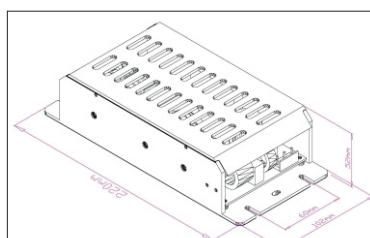
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ ZVS technology
- ⑥ Built-in active PFC function
- ⑦ Cooling by free air Convection
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U351S27B	27V/13A	270mVp-p	±5%	±1%	±5%	90%
LPP-U351S40B	40V/8.75A	400mVp-p	±5%	±1%	±5%	90%
LPP-U351S48B	48V/7.3A	480mVp-p	±5%	±1%	±5%	90%
LPP-U351S52B	52V/7.7A	520mVp-p	±3%	±1%	±3%	90%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	2000ms, 30ms/230VAC 3000ms, 30ms/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)
Over load	>110%~175%, hiccup mode, Auto recovery
Over voltage	>115%~135%, hiccup mode, Auto recovery
Over Temp.	N/C
EMC Standard	EN55022 class B EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC)	I/P-O/P:3 KVAC I/P-PG:1.5KVAC
Leakage current	0.75mA/240VAC

【450W With PFC Series】



■ Features

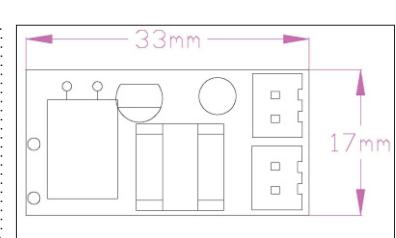
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, hign efficiency
- ④ Constant voltage type
- ⑤ ZVS technology
- ⑥ Built-in active PFC function
- ⑦ Cooling by free air Convection
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U451S12A	12V/20A	200mVp-p	±5%	±1%	±5%	78%
LPP-U451S24A	24V/8.75A	200mVp-p	±5%	±1%	±5%	78%
LPP-U451S28A	28V/16A	240mVp-p	±5%	±1%	±5%	78%
LPP-U451S48A	48V/9.38A	400mVp-p	±5%	±1%	±5%	78%
LPP-U451S52A	52V/8.65A	400mVp-p	±5%	±1%	±5%	78%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	2000ms, 30ms/230VAC 3000ms, 30ms/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery
Over voltage	>115%~135%, hiccup mode, Auto recovery
Over Temp.	N/C
EMC Standard	EN60950-1, CCC GB4943, J60950-1
Safety Standard	EN55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11
Withstand voltage(VAC)	I/P-O/P:3 KVAC I/P-PG:1.5KVAC
Leakage current	0.75mA/240VAC

LPP-U451SXXA

【1-3W Single Series】



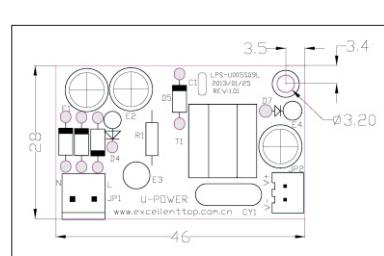
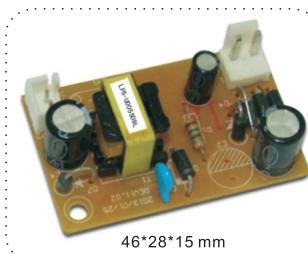
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ Protections:Short circuit/Over load/Over voltage
- ⑥ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ELS-U003D09L	9V/0.3A	80mVp-p	±5%	±3%	±3%	75%
ELS-U003D12L	12V/0.25A	100mVp-p	±5%	±3%	±3%	75%
ELS-U003D24L	15V/0.13A	100mVp-p	±5%	±3%	±3%	75%

Input Volt & Freq	110~220VAC 47~63Hz
Start,Rise time	2000ms, 30ms/230VAC 3000ms, 30ms/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)
Over load	>105%~150%, hiccup mode, Auto recovery
Over voltage	>115%~135%, hiccup mode, Auto recovery
Over Temp.	N/C
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC
Leakage current	0.75mA/240VAC

【5W Single Series】



■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small size, low cost
- ④ Constant voltage type
- ⑤ Protections: Short circuit/Over load/Over voltage
- ⑥ High efficiency, long life and high reliability
- ⑦ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U005S05L	5V/1A	100mVp-p	±5%	±1%	±5%	70%
LPS-U005S09L	9V/0.5A	120mVp-p	±5%	±1%	±5%	75%
LPS-U005S12L	12V/0.42A	120mVp-p	±5%	±1%	±5%	76%
Input Volt & Freq		100~240VAC 47~63Hz				
Start,Rise time		2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)				
Working environment		0°C~+40°C 20~90%RH, non-condensing				
Temperature coefficient		±0.03%/°C (0~50°C)				
Over load		>110%~200%, hiccup mode, Auto recovery				
Over voltage		>115%~135%, hiccup mode, Auto recovery				
Over Temp.		N/C				
EMC Standard		En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11				
Safety Standard		EN60950-1, CCC GB4943, J60950-1				
Withstand voltage(VAC)		I/P-0/P:1.5KVAC I/P-PG:1.5KVAC 0/P-PG:0.5KVAC				
Leakage current		0.75mA/240VAC				

【15-18W Single Series】

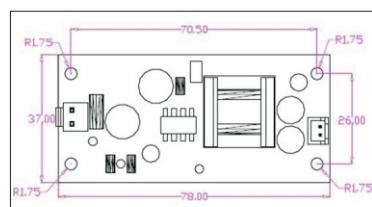


■ Features

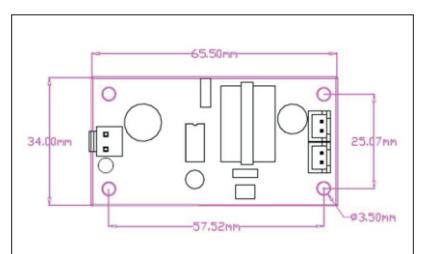
- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, High reliability
- ④ Constant voltage type
- ⑤ High efficiency, long life
- ⑥ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U018S09L	9V/2A	200mVp-p	±5%	±1%	±5%	80%
LPS-U018S12L	12V/1.5A	200mVp-p	±5%	±1%	±5%	82%
LPS-U018S15L	15V/1.5A	200mVp-p	±5%	±1%	±5%	84%
LPS-U018S18L	18V/1A	300mVp-p	±3%	±1%	±3%	86%
LPS-U018S24L	24V/0.75A	300mVp-p	±3%	±1%	±3%	88%
LPS-U018S48L	48V/0.38A	300mVp-p	±3%	±1%	±3%	90%
Input Volt & Freq		100~240VAC 47~63Hz				
Start,Rise time		2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)				
Working environment		0°C~+40°C 20~90%RH, non-condensing				
Temperature coefficient		±0.03%/°C (0~50°C)				
Over load		>110%~200%, hiccup mode, Auto recovery				
Over voltage		>115%~135%, hiccup mode, Auto recovery				
Over Temp.		N/C				
EMC Standard		En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11				
Safety Standard		EN60950-1, CCC GB4943, J60950-1				
Withstand voltage(VAC)		I/P-0/P:1.5KVAC I/P-PG:1.5KVAC 0/P-PG:0.5KVAC				
Leakage current		0.75mA/240VAC				

LPS-U018SXXL



【10-12W Single Series】

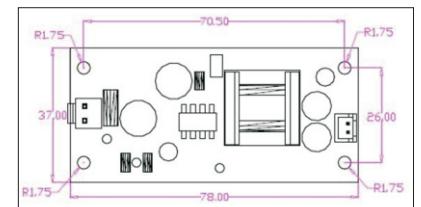
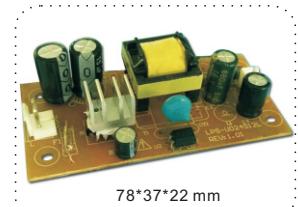


■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small size, Low cost
- ④ Constant voltage type
- ⑤ Protections: Short circuit/Overload/Over voltage
- ⑥ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U010S05L	5V/2A	70mVp-p	±5%	±1%	±5%	78%
LPS-U010S07L	7V/1.2A	70mVp-p	±5%	±1%	±5%	80%
LPS-U012S12L	12V/1A	120mVp-p	±5%	±1%	±5%	80%
Input Volt & Freq		100~240VAC 47~63Hz				
Start,Rise time		2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)				
Working environment		0°C~+40°C, 20~90%RH, non-condensing				
Temperature coefficient		±0.03%/°C (0~50°C)				
Over load		>105%~150%, hiccup mode, Auto recovery				
Over voltage		>115%~135%, hiccup mode, Auto recovery				
Over Temp.		N/C				
EMC Standard		En55022 class B, EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11				
Safety Standard		EN60950-1, CCC GB4943, J60950-1				
Withstand voltage(VAC)		I/P-0/P:1.5KVAC I/P-PG:1.5KVAC 0/P-PG:0.5KVAC				
Leakage current		0.75mA/240VAC				

【20-25W Single Series】



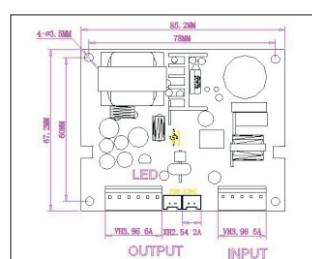
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Small, Low cost
- ④ Constant voltage type
- ⑤ Cooling by free air Convection
- ⑥ Protections: Short circuit/Overload/Over voltage
- ⑦ 1 year warranty

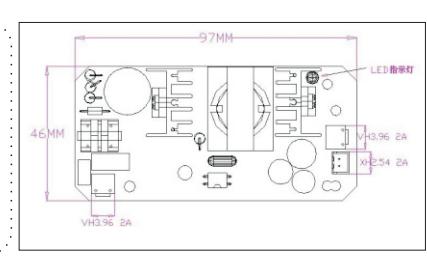
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U024S12L	12V/2A	300mVp-p	±5%	±1%	±5%	80%
LPS-U024S24L	24V/1A	300mVp-p	±5%	±1%	±5%	82%
LPS-U024S36L	36V/0.65A	400mVp-p	±5%	±1%	±5%	83%
LPS-U024S48L	48V/0.5A	400mVp-p	±5%	±1%	±5%	85%
Input Volt & Freq		100~240VAC 47~63Hz				
Start,Rise time		2000mS, 30mS/230VAC 3000mS, 30mS/115VAC (Full load)				
Working environment		0°C~+40°C, 20~90%RH, non-condensing				
Temperature coefficient		±0.03%/°C (0~50°C)				
Over load		>105%~150%, hiccup mode, Auto recovery				
Over voltage		>115%~135%, hiccup mode, Auto recovery				
Over Temp.		N/C				
EMC Standard		En55022 class B, EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11				
Safety Standard		EN60950-1, CCC GB4943, J60950-1				
Withstand voltage(VAC)		I/P-0/P:1.5KVAC I/P-PG:1.5KVAC 0/P-PG:0.5KVAC				
Leakage current		0.75mA/240VAC				

LPS-U024SXXL

【30W Dual Series】



【40-60W Single Series】



LPS-U060SXXL

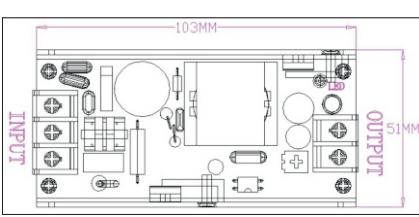
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ Protections:Short circuit/Over current/Over voltage
- ⑥ Class I power
- ⑦ EFF≥70%, low power consumption
- ⑧ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U030D1212L	12V/1.25A	120mVp-p	±5%	±1%	±5%	75%
	-12V/1.25A	150mVp-p	±5%	±1%	±5%	75%
LPS-U030D1515L	15V/1A	150mVp-p	±5%	±1%	±5%	78%
	-15V/1A	150mVp-p	±5%	±1%	±5%	78%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC	EN60950-1, CCC GB4943, J60950-1
Leakage current	0.75mA/240VAC	0.75mA/240VAC

【60-80W Single Series】



LPS-U080SXXL

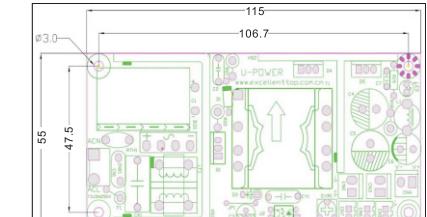
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, small size, high reliability
- ④ Constant voltage type
- ⑤ LED indicator for power on
- ⑥ Protections:Short circuit /Over load/Over voltage
- ⑦ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U080S12L	12V/5A	200mVp-p	±5%	±1%	±5%	78%
LPS-U080S20L	20V/4A	200mVp-p	±5%	±1%	±5%	79%
LPS-U080S24L	24V/3.3A	240mVp-p	±5%	±1%	±5%	80%
LPS-U080S48L	48V/1.6A	300mVp-p	±5%	±1%	±5%	82%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 class B EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC	EN60950-1, CCC GB4943, J60950-1
Leakage current	0.75mA/240VAC	0.75mA/240VAC

【100W Single Series】



LPS-U101SXXL

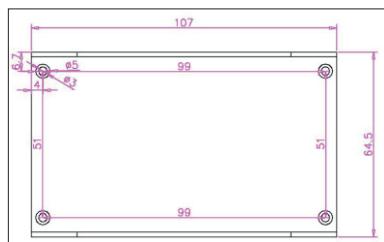
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ Protections:Short circuit/Over current/Over voltage
- ⑥ LED indicator
- ⑦ Low power standby, EFF>83%
- ⑧ Class I power(with earth pin)
- ⑨ With adjustable output voltage range
- ⑩ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U101S12L	12V/8.3A	120mVp-p	±5%	±1%	±5%	73%
LPS-U101S18L	18V/5.6A	180mVp-p	±5%	±1%	±5%	85%
LPS-U101S24L	24V/4.2A	240mVp-p	±5%	±1%	±5%	85%
LPS-U101S48L	48V/2.08A	300mV	±5%	±1%	±5%	87%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 class B EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC 0/P-PG:0.5KVAC	
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1	EN60950-1, CCC GB4943, J60950-1
Leakage current	0.75mA/240VAC	0.75mA/240VAC

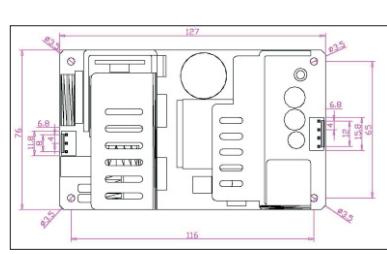
【120-150W Single Series】



107*64.5*34.5mm

LPS-U121SXXL

【120W with PFC Series】



127*76*33 mm

LPP-U121SXXL

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, small size, high reliability
- ④ Constant voltage type
- ⑤ LED indicator for power on
- ⑥ Protections: Short circuit /Over load/Over voltage
- ⑦ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U121S12L	12V/10A	200mVp-p	±5%	±1%	±5%	80%
LPS-U121S24L	24V/5A	240mVp-p	±3%	±1%	±3%	87%
LPS-U121S48L	48V/2.5A	480mVp-p	±3%	±1%	±3%	88%
LPS-U151S20L	20V/7.5A	240mVp-p	±3%	±1%	±3%	86%
LPS-U151S24L	24V/6.25A	240mVp-p	±3%	±1%	±3%	80%
LPS-U151S48L	48V/3.12A	480mVp-p	±3%	±1%	±3%	88%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C	(0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC	
Leakage current	0.75mA/240VAC	

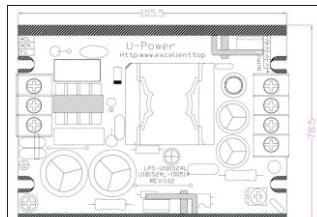
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, high quality
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.95
- ⑥ Protections:Short circuit/Over current/Over voltage
- ⑦ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPP-U121S12L	12V/10A	150mVp-p	±5%	±1%	±5%	80%
LPP-U121S24L	24V/5A	200mVp-p	±5%	±1%	±5%	82%
LPP-U121S48L	48V/2.5A	300mVp-p	±5%	±1%	±5%	84%
LPP-U121S52L	52V/2.3A	300mVp-p	±3%	±1%	±3%	86%

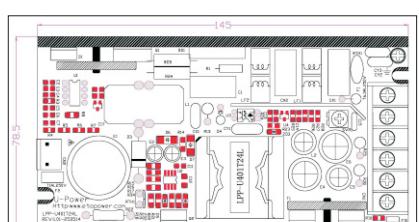
Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C	(0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC O/P-PG:0.5KVAC	
Leakage current	0.75mA/240VAC	

【180-200W Single Series】



LPS-U181SXXL

【350-450W Triple Output Series】



LPP-U401TXXL

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost/quality assurance
- ④ Constant voltage type
- ⑤ U small aluminum shell installation
- ⑥ Protections:Short circuit/Over current/Over voltage
- ⑦ Class I power (with earth pin)
- ⑧ With adjustable output voltage range
- ⑨ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
LPS-U181S012L	12V/10A	120mVp-p	±5%	±1%	±5%	83%
LPS-U181S018L	18V/8.5A	180mVp-p	±5%	±1%	±5%	85%
LPS-U181S024L	24V/7.5A	240mVp-p	±5%	±1%	±5%	85%
LPS-U181S048L	48V/3.75A	300mVp-p	±5%	±1%	±5%	87%
LPS-U201S028L	28V/7.15A	300mVp-p	±5%	±1%	±5%	87%
LPS-U201S048L	48V/4.16A	300mVp-p	±5%	±1%	±5%	87%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C	(0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 class B, EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	0.75mA/240VAC	

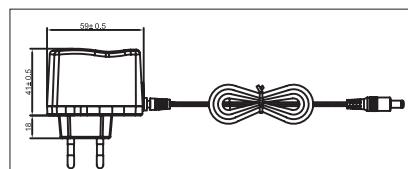
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, high quality
- ④ Constant voltage type
- ⑤ Built-in active PFC function, PF>0.92
- ⑥ LED indicator
- ⑦ Protections:Short circuit/Over current/Over voltage
- ⑧ 1 year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
	380V/0.7A		+5%	±1%	+5%	88%
LPP-U401T3802412L	24V/4A	120mVp-p	+5%	±1%	+5%	88%
	12V/2.5A	240mVp-p	+5%	±1%	+5%	88%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	2000mS, 30mS/230VAC	3000mS, 30mS/115VAC(Full load)
Working environment	0°C~+40°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C	(0~50°C)
Over load	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	En55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC	
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1	
Leakage current	0.75mA/240VAC	

【4-5W Adapter】



DC cable and DC connector could be customised

**ADS-U005SXXL
ADS-U005SXXA**

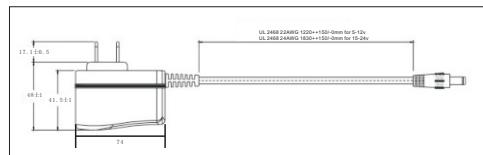
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ Fully enclosed plastic case
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ 2 Pole European input plug, other output plug can be customized
- ⑧ Class II power (without earth pin)
- ⑨ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADS-U004S05L	5V/0.8A	100mVP-P	±5%	±1%	±5%	76%
ADS-U005S05L	5V/1A	100mVP-P	±5%	±1%	±5%	76%
ADS-U005S05A	12V/0.42A	120mVP-P	±5%	±1%	±5%	78%

Input Volt & Freq	100~240VAC	47~63Hz
Start, Rise time	2000ms, 30ms/230VAC	3000ms, 30ms/115VAC (Full load)
Working environment	0°C~+50°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC	
Leakage current	0.75mA/240VAC	

【10-12W Adaptor】



DC cable and DC connector could be customised

**ADS-U012SXXL
ADS-U012SXXA**

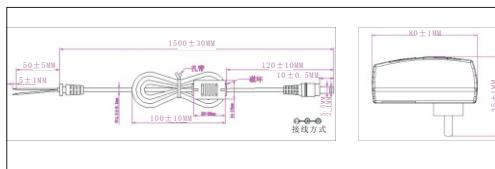
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ 2 Pole European plug, other plug can be customized
- ⑥ Fully enclosed plastic case
- ⑦ Protections: Short circuit/Over load/Over voltage
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADS-U012S05L	5V/2A	75mVP-P	±5%	±1%	±5%	76%
ADS-U012S7.5L	7.5V/1.33A	90mVP-P	±5%	±1%	±5%	78.5%
ADS-U012S09L	9V/1.33A	90mVP-P	±5%	±1%	±5%	78.5%
ADS-U012S12L	12V/1A	120mVP-P	±5%	±1%	±5%	78.5%
ADS-U012S15L	15V/0.8A	150mVP-P	±5%	±1%	±5%	80%
ADS-U012S18L	18V/0.67A	180mVP-P	±5%	±1%	±5%	80%
ADS-U012S24L	24V/0.5A	200mVP-P	±5%	±1%	±5%	80.5%

Input Volt & Freq	100~240VAC	47~63Hz
Start, Rise time	500ms, 30ms/230VAC	500ms, 30ms/115VAC (Full load)
Working environment	-10°C~+50°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC O/P-PG: 0.5KVAC	
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1	
Leakage current	0.75mA/240vac	

【15-18W Adapter】



DC cable and DC connector could be customised

ADS-U018SXXA

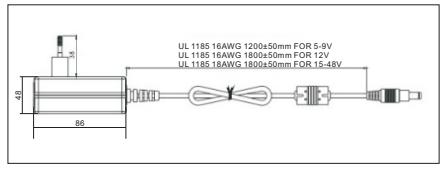
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ Fully enclosed plastic case
- ⑥ Protections: Short circuit/Over load/Over voltage
- ⑦ 2 Pole European input plug, other output plug can be customized
- ⑧ Class II power (without earth pin)
- ⑨ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADS-U018S05A	5V/3A	120mVP-p	±5%	±1%	±5%	70%
ADS-U018S12A	12V/1.5A	120mVP-p	±5%	±1%	±5%	80%
ADS-U018S24A	24V/0.75A	240mVP-p	±5%	±1%	±5%	80%
ADS-U018S48A	48V/0.4A	480mVP-p	±5%	±1%	±5%	85%

Input Volt & Freq	100~240VAC	47~63Hz
Start, Rise time	2000ms, 30ms/230VAC	3000ms, 30ms/115VAC (Full load)
Working environment	0°C~+45°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC	
Leakage current	0.75mA/240VAC	

【20-30W Adaptor】



DC cable and DC connector could be customised

**ADS-U024SXXL
ADS-U024SXXA**

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Constant voltage type
- ⑤ 2 Pole European plug, other plug can be customized
- ⑥ Fully enclosed plastic case
- ⑦ Protections: Short circuit/Over load/Over voltage
- ⑧ 3-year warranty

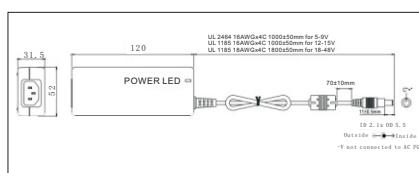
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADS-U024S05A/L	5V/4A	100mVP-p	±5%	±1%	±5%	78.5%
ADS-U024S7.5A/L	7.5V/2.93A	100mVP-p	±5%	±1%	±5%	81.5%
ADS-U024S12A/L	12V/2.08A	120mVP-p	±5%	±1%	±5%	82.5%
ADS-U024S15A/L	15V/1.66A	120mVP-p	±5%	±1%	±5%	84.5%
ADS-U024S18A/L	18V/1.38A	150mVP-p	±5%	±1%	±5%	84.5%
ADS-U024S24A/L	24V/1.04A	180mVP-p	±5%	±1%	±5%	85.5%
ADS-U024S48A/L	48V/0.52A	240mVP-p	±5%	±1%	±5%	87.5%

Input Volt & Freq	100~240VAC	47~63Hz
Start, Rise time	2000ms, 30ms/230VAC	3000ms, 30ms/115VAC (Full load)
Working environment	0°C~+40°C	20~90%RH, non-condensing
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>110%~200%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	N/C	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
EMC Standard	EN55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11	
Withstand voltage(VAC)	I/P-O/P: 1.5KVAC I/P-PG: 1.5KVAC O/P-PG: 0.5KVAC	
Leakage current	0.75mA/240vac	

【36-60W Adapter】



120*52*31.5 mm



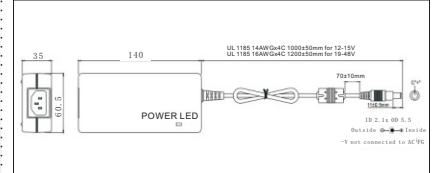
DC cable and DC connector could be customised

ADS-U060SXXL
ADS-U060SXXA

【60-90W Adaptor】



140*60.5*35 mm



DC cable and DC connector could be customised

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Protections: Short circuit/Over load/Over voltage/over temp.
- ⑤ Three pole IEC320-C14 Communication interface
- ⑥ No load consumption<0.3w
- ⑦ Class I power (without earth pin)
- ⑧ Fully enclosed plastic case
- ⑨ 2-year warranty

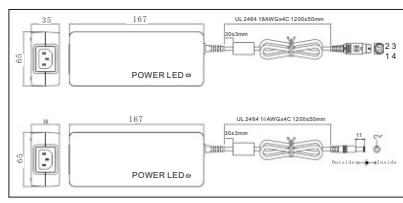
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADS-U060S05L	5V/6A	100mVp-p	±5%	±1%	±5%	81%
ADS-U060S7..5L	7..5V/6A	100mVp-p	±5%	±1%	±5%	85..5%
ADS-U060S09L	9V/6A	100mVp-p	±5%	±1%	±5%	87..5%
ADS-U060S12L	12V/5A	100mVp-p	±3%	±1%	±3%	88%
ADS-U060S15L	15V/4A	100mVp-p	±3%	±1%	±3%	88..5%
ADS-U060S18L	18V/3..33A	150mVp-p	±3%	±1%	±3%	88..5%
ADS-U060S24L	24V/2..5A	180mVp-p	±3%	±1%	±3%	90%
ADS-U060S48L	48V/1..25A	240mVp-p	±2..5%	±1%	±2..5%	92%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	1000mS, 30mS/230VAC 1000mS, 30mS/115VAC(Full load)
Working environment	-20°C~+50°C, 20~90%RH, non-condensing
Temperature coefficient	±0..03%/°C (0~40°C)
Overload	>105%~150%, hiccup mode, Auto recovery
Over voltage	>115%~135%, hiccup mode, Auto recovery
Over Temp.	RTH2>70°C
EMC Standard	EN55022 classB EN61000-3-2..3 EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	EN60950-1, CCC GB4943, J60950-1
Withstand voltage(VAC)	I/P-0/P:3 KVAC I/P-PG:2 KVAC O/P-PG:0..5 KVAC
Leakage current	0..75mA/240vac

【100-120W Adapter】



167*65*38 mm



DC cable and DC connector could be customised

ADP-U121SXXA

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Protections: Short circuit/Over load/Over voltage/over temp.
- ⑤ No load consumption<0.5w
- ⑥ Three pole IEC320-C14 Communication interface
- ⑦ Built-in active PFC function, PF>0.97
- ⑧ Class I power (with earth pin)
- ⑨ Fully enclosed plastic case
- ⑩ 2-year warranty

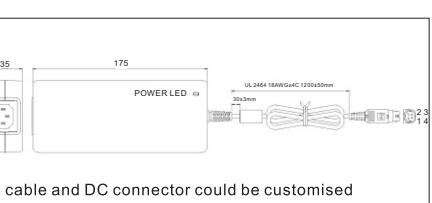
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADP-U121S05A	5V/12A	100mVp-p	±5%	±1%	±5%	82%
ADP-U121S12A	12V/8..5A	80mVp-p	±5%	±1%	±5%	87..5%
ADP-U121S15A	15V/7A	120mVp-p	±5%	±1%	±5%	89%
ADP-U121S20A	20V/6A	150mVp-p	±5%	±1%	±4%	89%
ADP-U121S24A	24V/5A	180mVp-p	±3%	±1%	±3%	90%
ADP-U121S48A	48V/2..5A	240mVp-p	±2%	±1%	±2%	91%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	2000mS, 30mS/230VAC 2500mS, 30mS/115VAC(Full load)
Working environment	-20°C~+50°C 20~90%RH, non-condensing
Temperature coefficient	±0..03%/°C (0~40°C)
Over load	>105%~160%, hiccup mode, Auto recovery
Over voltage	>105%~135%, hiccup mode, Auto recovery
Over Temp.	RTH2>100±10°C
EMC Standard	EN55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	I/P-0/P:3 KVAC I/P-PG:2 KVAC O/P-PG:0..5 KVAC
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1
Leakage current	0..75mA/240vac

【120-160W Adaptor】



175*72*35 mm



DC cable and DC connector could be customised

■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Protections: Short circuit/Over load/Over voltage/over temp.
- ⑤ No load consumption<0.5w
- ⑥ Three pole IEC320-C14 Communication interface
- ⑦ Built-in active PFC function, PF>0.95
- ⑧ Class I power (with earth pin)
- ⑨ Fully enclosed plastic case
- ⑩ 2-year warranty

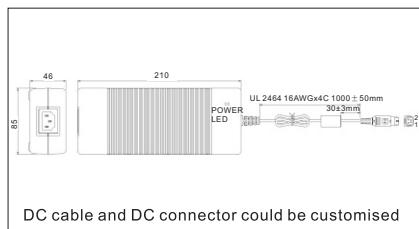
Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADP-U161S12A	12V/11..5A	80mVp-p	±5%	±1%	±5%	89%
ADP-U161S15A	15V/9..6A	100mVp-p	±5%	±1%	±5%	90%
ADP-U161S20A	20V/8A	150mVp-p	±4%	±1%	±4%	92%
ADP-U161S24A	24V/6..67A	180mVp-p	±3%	±1%	±3%	92..5%
ADP-U161S48A	48V/3..34A	240mVp-p	±3%	±1%	±3%	94%

Input Volt & Freq	100~240VAC 47~63Hz
Start,Rise time	2000mS, 20mS/230VAC 2000mS, 20mS/115VAC(Full load)
Working environment	-20°C~+50°C 20~90%RH, non-condensing
Temperature coefficient	±0..03%/°C (0~40°C)
Over load	>105%~135%, hiccup mode, Auto recovery
Over voltage	>105%~135%, hiccup mode, Auto recovery
Over Temp.	RTH2:90±10°C
EMC Standard	EN55022 class B, EN61000-4-2, 3, 4, 5, 6, 8, 11
Safety Standard	I/P-0/P:3 KVAC I/P-PG:2 KVAC O/P-PG:0..5 KVAC
Withstand voltage(VAC)	EN60950-1, CCC GB4943, J60950-1
Leakage current	0..75mA/240vac

【180-220W Adapter】



210*85*46 mm



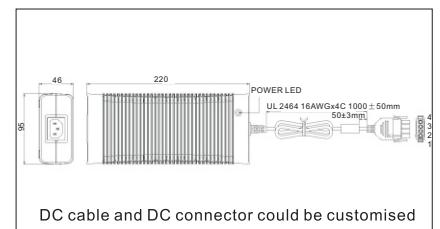
DC cable and DC connector could be customised

ADP-U221SXXA

【280W Adaptor】



220*95*46 mm



DC cable and DC connector could be customised

ADP-U281SXXA

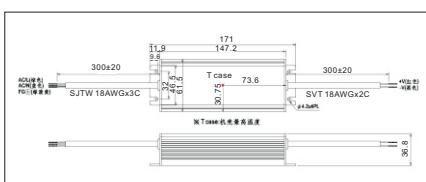
■ Features

- ① Universal AC input/Full range
- ② 100% full load burn-in test
- ③ Low cost, LED indicator
- ④ Protections: Short circuit/Over load/Over voltage/over temp.
- ⑤ Three pole IEC320-C14 Communication interface
- ⑥ No load consumption<0.3w
- ⑦ Class I power (with earth pin)
- ⑧ Fully enclosed plastic case
- ⑨ 2-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
ADP-U221S12A	12V/15A	80mVp-p	±5%	±1%	±5%	90%
ADP-U221S15A	15V/13.4A	100mVp-p	±5%	±1%	±5%	90%
ADP-U221S20A	20V/11A	150mVp-p	±4%	±1%	±4%	92%
ADP-U221S24A	24V/9.2A	180mVp-p	±3%	±1%	±3%	93.5%
ADP-U221S48A	48V/4.6A	240mVp-p	±2%	±1%	±2%	94.5%

Input Volt & Freq	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
	100~240VAC		47~63Hz			
Start,Rise time	2000mS, 20mS/230VAC	2000mS, 20mS/115VAC(Full load)				
Working environment	-20°C~+50°C, 20~90%RH, non-condensing					
Temperature coefficient	±0.03%/°C (0~50°C)					
Over load	>105%~150%, hiccup mode, Auto recovery					
Over voltage	>105%~135%, hiccup mode, Auto recovery					
Over Temp.	95±5°C					
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11					
Safety Standard	EN60950-1, CCC GB4943, J60950-1					
Withstand voltage(VAC)	I/P-0/P:3 KVAC I/P-PG:2 KVAC O/P-PG:0.5 KVAC					
Leakage current	1.5mA/240VAC					

【40W LED driver】



171*61.5*36.8 mm

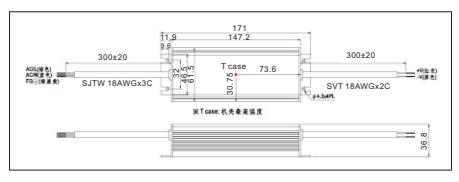
EFP-U040SXXB

- ## ■ Features
- ① Universal AC input (full range)
 - ② With active PFC function
 - ③ Protection:Short circuit/over load /over tem.
 - ④ Output voltage and constant current level adjustable
 - ⑤ Three in one dimming function(1~10Vdc or PWM signal or resistance)
 - ⑥ Cooling by free air convection
 - ⑦ OCP point adjustable through output cable or internal potentiometer
 - ⑧ Suitable for LED lighting and street lighting application
 - ⑨ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EFP-U040S12B	12V/3.33A	150mVp-p	±20%	±1%	±2%	86.5%
EFP-U040S15B	15V/2.67A	150mVp-p	±20%	±1%	±2%	86.5%
EFP-U040S20B	20V/2A	150mVp-p	±10%	±1%	±2%	88%
EFP-U040S24B	24V/1.67A	150mVp-p	±10%	±1%	±2%	88%
EFP-U040S30B	30V/1.34A	200mVp-p	±10%	±1%	±2%	88.5%
EFP-U040S36B	36V/1.12A	200mVp-p	±10%	±1%	±2%	88.5%
EFP-U040S42B	42V/0.96A	300mVp-p	±10%	±1%	±2%	88.5%
EFP-U040S48B	48V/0.84A	300mVp-p	±10%	±1%	±2%	89.5%
EFP-U040S54B	54V/0.75A	300mVp-p	±10%	±1%	±2%	89.5%

Input Volt & Freq	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
	100~240VAC		47~63Hz			
Start,Rise time	500mS, 80mS/230VAC (Full load)					
Working environment	-20°C~+50°C, 20~90%RH, non-condensing					
Temperature coefficient	±0.03%/°C (0~50°C)					
Over load	>105%~150%, hiccup mode, Auto recovery					
Over voltage	>115%~135%, hiccup mode, Auto recovery					
Over Temp.	Shut down the output voltage, restart after recovery					
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11					
Safety Standard	EN60950-1, CCC GB4943, J60950-1					
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC					
Leakage current	<0.75mA/240VAC					

【60W LED driver】



EFP-U060SXXF

- ## ■ Features
- ① Universal AC input (full range)
 - ② With active PFC function
 - ③ Protection:Short circuit/over load /over tem.
 - ④ Output voltage and constant current level adjustable
 - ⑤ Three in one dimming function(1~10Vdc or PWM signal or resistance)
 - ⑥ Cooling by free air convection
 - ⑦ OCP point adjustable through output cable or internal potentiometer
 - ⑧ Suitable for LED lighting and street lighting application
 - ⑨ Suitable for dry, wet, in the rain

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EFP-U060S15F	15V/4A	150mVp-p	±2%	±0.5%	±1.5%	87.5%
EFP-U060S20F	20V/3A	150mVp-p	±1%	±0.5%	±1%	89%
EFP-U060S24F	24V/2.5A	150mVp-p	±1%	±0.5%	±0.5%	89.5%
EFP-U060S30F	30V/2A	200mVp-p	±1%	±0.5%	±0.5%	90%
EFP-U060S36F	36V/1.7A	200mVp-p	±1%	±0.5%	±0.5%	90%
EFP-U060S42F	42V/1.45A	300mVp-p	±1%	±0.5%	±0.5%	90%
EFP-U060S48F	48V/1.3A	300mVp-p	±1%	±0.5%	±0.5%	90%
EFP-U060S54F	54V/1.15A	300mVp-p	±1%	±0.5%	±0.5%	90.5%

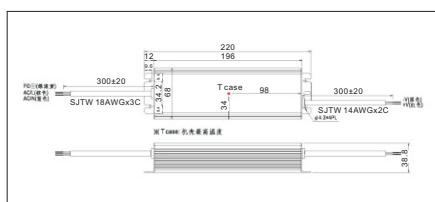
Input Volt & Freq	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
	100~240VAC		47~63Hz			
Start,Rise time	500mS, 80mS/230VAC (Full load)					
Working environment	-20°C~+50°C, 20~90%RH, non-condensing					
Temperature coefficient	±0.03%/°C (0~50°C)					
Over load	>105%~150%, hiccup mode, Auto recovery					
Over voltage	>115%~135%, hiccup mode, Auto recovery					
Over Temp.	Shut down the output voltage, restart after recovery					
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11					
Safety Standard	EN60950-1, CCC GB4943, J60950-1					
Withstand voltage(VAC)	I/P-0/P:1.5KVAC I/P-PG:1.5KVAC					
Leakage current	<0.75mA/240VAC					

【100W LED driver】



220*68*38.8 mm

EFP-U100S15B



【150W LED driver】



228*68*38.8 mm

EHP-U151SXXH



■ Features

- ① Universal AC input (full range)
- ② With active PFC function
- ③ Protection:Short circuit/over load /over tem.
- ④ IP67/IP65 design for indoor or outdoor installations
- ⑤ Cooling by free air convection
- ⑥ OCP point adjustable through output cable or internal potentiometer
- ⑦ Suitable for LED lighting and moving sign application
- ⑧ 3-year warranty

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EFP-U100S20B	20V/4.8A	150mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S24B	24V/4A	150mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S30B	30V/3.2A	200mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S36B	36V/2.65A	200mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S42B	42V/2.28A	200mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S48B	48V/2A	200mVp-p	±1%	±0.5%	±1%	93%
EFP-U100S54B	54V/1.77A	200mVp-p	±1%	±0.5%	±1%	93%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	1200ms, 50ms/230VAC , 500ms, 50ms/230VAC (Full load)	
Working environment	-20°C~+50°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	Shut down the output voltage, restart after recovery	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	<0.75mA/240VAC	

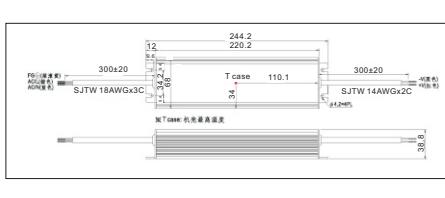
■ Features

- ① Universal AC input (full range)
- ② With active PFC function, high efficiency up to 94%
- ③ Protection:Short circuit/over load /over tem.
- ④ IP67/IP65 design for indoor or outdoor installations
- ⑤ Three in one dimming function(1-10Vdc or PWM signal or resistance)
- ⑥ Cooling by free air convection
- ⑦ OCP point adjustable through output cable or internal potentiometer
- ⑧ Suitable for LED lighting and moving sign application
- ⑨ Suitable for dry, damp, wet location

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EHP-U151S12H	12V/12.5A	150mVp-p	±2.5%	±0.5%	±2%	91.5%
EHP-U151S15H	15V/10A	150mVp-p	±2%	±0.5%	±1.5%	92%
EHP-U151S20H	20V/7.5A	150mVp-p	±1%	±0.5%	±1%	93%
EHP-U151S24H	24V/6.3A	150mVp-p	±1%	±0.5%	±0.5%	93%
EHP-U151S30H	30V/5A	200mVp-p	±1%	±0.5%	±0.5%	93.5%
EHP-U151S36H	36V/4.2A	200mVp-p	±1%	±0.5%	±0.5%	93.5%
EHP-U151S42H	42V/3.6A	200mVp-p	±1%	±0.5%	±0.5%	94%
EHP-U151S48H	48V/3.2A	200mVp-p	±1%	±0.5%	±0.5%	94%
EHP-U151S54H	54V/2.8A	200mVp-p	±1%	±0.5%	±0.5%	94%

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	1000ms, 50ms/230VAC , 500ms, 50ms/230VAC (Full load)	
Working environment	-20°C~+50°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Overload	>105%~150%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	Shut down the output voltage, restart after recovery	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	<0.75mA/240VAC	

【240W LED driver】



EHP-U240SXXH

Model	Output	R&N	Tol.	Line regulation	Load regulation	Effi.
EHP-U240S12H	12V/16A	150mVp-p	±2.5%	±0.5%	±2%	90%
EHP-U240S15H	15V/15A	150mVp-p	±2%	±0.5%	±1.5%	90%
EHP-U240S20H	20V/12A	150mVp-p	±1%	±0.5%	±1%	91.5%
EHP-U240S24H	24V/10A	150mVp-p	±1%	±0.5%	±0.5%	92.5%
EHP-U240S30H	30V/8A	200mVp-p	±1%	±0.5%	±0.5%	92.5%
EHP-U240S36H	36V/6.7A	250mVp-p	±1%	±0.5%	±0.5%	92.5%
EHP-U240S42H	42V/5.72A	250mVp-p	±1%	±0.5%	±0.5%	92.5%
EHP-U240S48H	48V/5A	250mVp-p	±1%	±0.5%	±0.5%	93%
EHP-U240S54H	54V/4.45A	250mVp-p	±1%	±0.5%	±0.5%	93.5%

■ Features

- ① Universal AC input (full range)
- ② With active PFC function, high efficiency up to 94%
- ③ Protection:Short circuit/over load /over tem.
- ④ IP67/IP65 design for indoor or outdoor installations
- ⑤ Three in one dimming function(1-10Vdc or PWM signal or resistance)
- ⑥ Cooling by free air convection
- ⑦ OCP point adjustable through output cable or internal potentiometer
- ⑧ Suitable for LED lighting and street lighting application
- ⑨ Suitable for dry, damp, wet location

Input Volt & Freq	100~240VAC	47~63Hz
Start,Rise time	1000ms, 80ms/230VAC , 500ms, 80ms/230VAC (Full load)	
Working environment	-20°C~+50°C, 20~90%RH, non-condensing	
Temperature coefficient	±0.03%/°C (0~50°C)	
Over current	>95%~108%, hiccup mode, Auto recovery	
Over voltage	>115%~135%, hiccup mode, Auto recovery	
Over Temp.	Shut down the output voltage, restart after recovery	
EMC Standard	EN55022 classB EN61000-3-2.3 EN61000-4-2, 3, 4, 5, 6, 8, 11	
Safety Standard	EN60950-1, CCC GB4943, J60950-1	
Withstand voltage(VAC)	I/P-O/P:1.5KVAC I/P-PG:1.5KVAC	
Leakage current	<0.75mA/240VAC	



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