

SINCE 1995



TRUE Online

Available in
1-10KVA

FEATURES

- LCD Display
- Active Power Factor Correction
- Customization Available
- User Configurable
- All in One Single Card with DSP controller
- Communication (Optional)
- Inbuilt isolation Transformer(Above 3KVA)
- Single Card Including Inverter, Charger & Power Device



TRUE ONLINE

(Half Electricity Consuming)
1 Phase in - 1 Phase out

In comparison to an SCR based UPS, Its phenomenal saving is more than 4KWH per hour, which is 40 Units a day for 10 hours of work that delivers a saving of 12000 units per year. You save a whooping Rs 60,000 per year. This makes the " Sarthi " UPS almost 'Free' in just a year, while its continues to more savings for the years to come.



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

TRUE Online Half Electricity Consuming (1 Phase in - 1 Phase out)

TECHNICAL SPECIFICATION

INPUT

Power Rating	KVA	1	2/3	3	5	6	7.5	10
DC Voltage	V	36V DC	96V DC	96V DC	120 / 180		180	
Voltage Range	V		145 to 280			160 to 280		
Frequency	Hz	50±5%						
Input Power Factor		0.95 @ up tp 120VDC, 0.84 @ 180VDC						
Charge Topology		BUCK - IGBT						
Electrical Connection	Input	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	12 mm ²	16 mm ²	
	Output	1.0 mm ²	1.5 mm ²	2.5 mm ²	4 mm ²	6 mm ²	8 mm ²	
	96V	4 mm ²	4 mm ²	10 mm ²	12 mm ²	NA		
	120V	4 mm ²	4 mm ²	6 mm ²	12 mm ²	NA		
	180V	2.5 mm ²	4 mm ²	4 mm ²	6 mm ²	10 mm ²	10 mm ²	
	Earth	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	12/16 mm ²		

OUTPUT

Load Current	A	3.0	6.0	10.4	15	17.3	26.0	34.7
Voltage	V	220/230						
Voltage Regulation	%	±1						
Frequency (Free Running)	Hz	50±0.05						
Frequency Sink Mode	Hz	47.5 - 52.5						
Wave Form		Pure Sine Wave						
Transient Response	%	<8(10%-90% Liner Load)						
Voltage Harmonic	%	<3 Liner Load						
Over Load Capacity	%	100-110 : 10min 150 - 200 : 10 sec. 110 - 125 : 2min 200 - 300 : 50ms 125 - 150 : 1min						
Crest Factor		3.1						

Battery Back-up Ending | Intermittent

Over Load | Continuous

DISPLAY

LED	UPS ON # Battery High/Low # Overload # O/P High/Low # Charging ON # Mains Low/High, Bypass, Fault/Overheat.
-----	---

PROTECTION
Output Overvoltage #Output undervoltage #Overload #Output Short Circuit #Battery Overvoltage #Battery undervoltage, Input Low/High.

PARAMETER

LCD Display	Input Voltage & Frequency, Output Voltage & Frequency, Load %, Charging Current, DC Voltage, UPS Status
-------------	---

INTERFACE

DB 9 (Optional)	RS 232/ USB Port, Ethernet
-----------------	----------------------------

OTHERS

Battery Start	Standard
Cabinet Wheels	NA
Extended Battery Chg.	Optional
Bypass	Auto Bypass By Relay Default Rotary Switch
Auto Bypass (Low-High Cut)	V 185 to 250
Static Bypass (Low-High Cut)	V 185 to 250

OVERALL

Efficiency (AC-AC)	%	>85(Full Load)
Transfer Time (Mains to Batt.)	mS	0
Temperature	°C	0-40
Humidity	%	5-95(Non-Condensed)
Dimension (LxWxH)	mm	406 x 152 x 254 483 x 204 x 305 460 x 260 x 445 610 x 285 x 540 613 x 330 x 670
Weight	Kg	6.5 Kg(W/o Batt.) 15 Kg(W/o Batt.) 45 60 65 70 100

*Specification are subject to change without prior notice due to constant improvement in design & technology.

Mfg by :

Sarthi
ABC Power Systems
www.abcpowersystems.com

Authorised for Sarthi Power Products

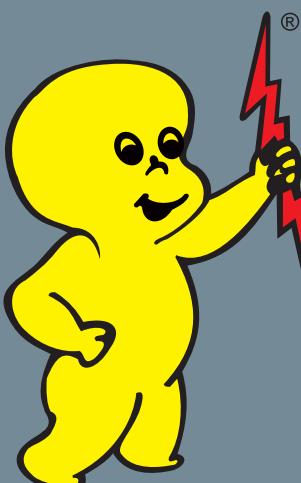
SINCE 1995



3 Phase Lift Ups



Available in
6-20KVA



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

LIFT UPS (3 Phase in - 3 Phase out)

TECHNICAL SPECIFICATION

INPUT						
Power Rating	Unit	6KVA	8KVA	10KVA	15KVA	20KVA
DC Voltage	V	72	96	120	180	240
Voltage Range	V	300-480				
Frequency	Hz	50/60+5%				
Max. Input current	A	12	16	20	30	40
Total Harmonic Distortion		Less than 10% for full load @ 230 VAC (input)				
Input Power Factor	Lag	>0.9				
Charger Topology		Boost Technology				
Electrical Connection R, Y, B, N	mm	4 Sq.				
Battery	mm	16 Sq.				
Earth	mm	4 Sq. (min.)				
OUTPUT						
Power Capacity	w	5100	6800	8500	12750	17000
Voltage	V	380/400/415 Phase to Phase				
Voltage Regulation	%	+1				
Max. OIP Current! Phase	A	7.5	9.5	12.5	18.5	24.5
Frequency	Hz	50/60 + 0.05				
Power Factor	Lag	0.85				
Wave Form		Pure Sine Wave				
Transient Response	%	<8(10%-90% (Linear Load)				
Voltage Regulation	%	<3 (Linear Load)				
Over Load Capacity	%	100 to 110 : 2 minutes 200 to 250:5 sec 110 to 120 : 45 sec. 250 to 300:3 sec 120 to 150 :25 sec. 300 to 350 : 1 sec 150 to 200 : 15 sec. > 350 : 200 msec.				
Low Battery		Voltage Smart Shutdown				
Protection Circuitry		Output under / Over voltage, 38 sequencing protection Input Low / High Voltage Single Phase Absent, Short Circuit				
Crest Factor		3:1				
AUDIBLE WARNING						
Battery Back - up Ending		Intermittent				
Overload		Continuous				
DISPLAY						
LED		UPS ON # Battery Low High # Output Volt. Low High -R,Y,B # Overload -R,Y,B # Fault # CHG. ON # Input Volt Low:High -R,Y,B #				
LCD (20><4)		Input Voltage & Frequency - R,Y,B # Output Voltage & Frequency -R,Y,B Batt. Voltage # Load Level # Working Status # Fault Status				
BATTERY & RUN TIME						
Battery Type		SMF, AUTOMOTIVE, TUBULER				
Typical recharge Time		15 Hours				
Battery Capacity		65Ah				
OTHERS						
BYPASS		Rotary (Manual Bypass)				
Change Over Time (Selectable)	Sec	0-30 (Mains to Batt.)				
Protection Class		IP 20				
Operating Temperature		0-45				
Storage Temperature		0-60				
Audible Noise		< 60dB at 1meter				
Humidity	%	5-95 (Non-Condensed)				
Dimension (L x W x H)	mm	560 x 343 x 508		620 X 330 x 670	T65 X 410 X 700	985 X 660 x 820
Weight	Kg	58.9	65.2	95.2	120	130

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Mfg by :

Sarthi
ABC Power Systems
www.abcpowersystems.com

Authorised for Sarthi Power Products

SINCE 1995



||Sarthill® ON LINE UPS

FEATURES

- DSP based design Pure Sine Wave.
- Ethernet based monitoring(Optional).
- Robust Design-20years Product Life.
- High Efficiency & high Reliability.
- User Friendly Display.
- Available from 7.5KVA to 25KVA.
- High Surge Capability (up to 300%) for starting Heavy Load.
- Tested as per IEC 61683 & IEC 60068-2 (1,2,14,30) standards.
- AC & DC Parameter Configurable from LCD.



TRUE ONLINE UPS
Isolation Based 3 Phase in - 1 Phase out

Available in
7.5-25KVA



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

TRUE ONLINE UPS Isolation Based (3 Phase in - 1 Phase out)

TECHNICAL SPECIFICATION

INPUT						
Power Rating	5kVA	6kVA	7.5kVA	10kVA	15kVA	20kVA
DC Voltage	240V/360V					
Voltage Range	400 ± 20% Three Phase four wire					
Frequency	50Hz ± 10%					
Power Factor	>0.92					
Charge Topology	Buck					
Connection Type	Terminal Block					
GRID CHARGING						
Switching Devices	IGBT					
Switching Freq.	16KHz					
No. Of Charger Controller	One					
Charger Topology	Buck					
OUTPUT						
Voltage	220V/230V/240V±1% (Selectable from LCD)					
Load Current Per Phase	17.4A	20.87A	26.08A	34.78A	52.17A	69.56A
Efficiency (AC-AC)	>90%@Full Load					
Frequency	50Hz(Default)					
Waveform	Pure Sine Wave					
Transient Response	<8 (10%~90% Liner Load)					
Voltage Harmonics	<3% Linear Load					
Overload Capacity	100 to 110%-10min., 110 to 120%-2min.; 120 to 150%-30sec; 150 to 200%-2sec; 200 to 300%-1sec.; 300 to 400%-250msec; >400%-20-30msec.					
Crest Factor	3:1					
Voltage Regulation	±1%					
Frequency Regulation	±0.05Hz					
Connection Type	Terminal Block					
AUDIBLE WARNING						
Alarm	Battery Low, Battery High, Overload, Mains Present.					
DISPLAY						
LED	#UPS ON #Mains Chg. #Overload #Output High/Low #Battery High/Low #Chg. Overheat # AC Input High/Low R,Y,B #Fault #Bypass (Optional)					
LCD (20x4)	#Input Voltage & Freq. R,Y,B #Output Voltage, Freq. & Load% #Battery Voltage #Charging Current, #Working Status.					
PROTECTIONS						
Parameters	#Output Overvoltage/Undervoltage, #Overload, #Output Shortcircuit, #Battery Overvoltage/Undervoltage, Input Overvoltage /Undervoltage, Thermal					
COMMUNICATION & MANAGEMENT						
Remote Monitoring	Ethernet(Optional)					
MISCELLANEOUS						
Transfer Time	0msec					
Extended Battery Chg.	Optional					
Caster Wheels	Yes					
ENVIRONMENTAL						
Operating Environment	0-50°C					
Operating Relative Humidity	(5%-95%) Non-Condensed					
Storage Environment	0-75°C					
Storage Relative Humidity	0-95%					
Degree of Protection	IP20					

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Authorised for Sarthi Power Products

SINCE 1995



||Sarthill® ON LINE UPS

FEATURES

- DSP based design Pure Sine Wave
- Ethernet based monitoring(Optional)
- Thermal Protection
- Robust Design-20years Product Life
- Noiseless in Operation
- High Efficiency & high Reliability
- User Friendly Display.
- Available from 7.5KVA to 100KVA
- High Surge Capability (up to 300%) for starting Heavy Load
- Tested as per IEC 61683 & IEC 60068-2 (1,2,14,30) standards
- AC & DC Parameter Configurable from LCD



TRUE ONLINE UPS
Isolation Based 3 Phase in - 3 Phase out

Available in
7.5-100KVA



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001: 2008
CERTIFIED
COMPANY

TRUE ONLINE UPS Isolation Based (3 Phase in - 3 Phase out)

TECHNICAL SPECIFICATION

INPUT

Power Rating	7.5kVA	10kVA	15kVA	20kVA	25kVA	30kVA	40kVA	50kVA	60kVA
--------------	--------	-------	-------	-------	-------	-------	-------	-------	-------

DC Voltage	240V/360V
------------	-----------

Voltage Range	400 ± 20% Three Phase four wire
---------------	---------------------------------

Frequency	50Hz ± 10%
-----------	------------

Power Factor	>0.92
--------------	-------

Charge Topology	Buck
-----------------	------

Connection Type	Terminal Block
-----------------	----------------

GRID CHARGING

Switching Devices	IGBT
-------------------	------

Switching Freq.	16KHz
-----------------	-------

No. Of Charger Controller	One
---------------------------	-----

Charger Topology	Buck
------------------	------

OUTPUT

Voltage	380V/400V/415V±1% (3Phase -4Wire)
---------	-----------------------------------

Load Current Per Phase	8.7A	11.6A	17.4A	23.2A	29 A	34.8 A	46.30	58.0	70.00
------------------------	------	-------	-------	-------	------	--------	-------	------	-------

Efficiency (AC-AC)	>90%@Full Load
--------------------	----------------

Frequency	50Hz(Default)
-----------	---------------

Waveform	Pure Sine Wave
----------	----------------

Transient Response	<8 (10%-90% Liner Load)
--------------------	-------------------------

Voltage Harmonics	<3% Linear Load
-------------------	-----------------

Overload Capacity	100 to 110%-10min., 110 to 120%-2min.; 120 to 150%-30sec; 150 to 200%-2sec; 200 to 300%-1sec.; 300 to 400%-250msec; >400%-20-30msec.
-------------------	---

Crest Factor	3:1
--------------	-----

Voltage Regulation	±1%
--------------------	-----

Frequency Regulation	±0.05Hz
----------------------	---------

Connection Type	Terminal Block
-----------------	----------------

AUDIBLE WARNING

Alarm	Battery Low, Battery High, Overload, Mains Present.
-------	---

DISPLAY

LED	#UPS ON #Mains Chg. #Overload #Output High/Low #Battery High/Low #Chg. Overheat # AC Input High/Low R,Y,B #Fault #Bypass (Optional)
-----	---

LCD (20x4)	#Input Voltage & Freq. R,Y,B #Output Voltage, Freq. & Load% #Battery Voltage #Charging Current, #Working Status.
------------	--

PROTECTIONS

Parameters	#Output Overvoltage/Undervoltage, #Overload, #Output Shortcircuit, #Battery Overvoltage/Undervoltage, Input Overvoltage /Undervoltage
------------	---

COMMUNICATION & MANAGEMENT

Remote Monitoring	Ethernet(Optional)
-------------------	--------------------

MISCELLANEOUS

Transfer Time	0msec
---------------	-------

Extended Battery Chg.	Optional
-----------------------	----------

Caster Wheels	Yes
---------------	-----

ENVIRONMENTAL

Operating Environment	0-50°C
-----------------------	--------

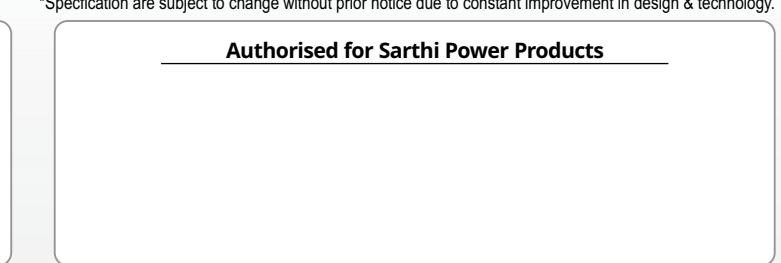
Operating Relative Humidity	(5%-95%) Non-Condensed
-----------------------------	------------------------

Storage Environment	0-75°C
---------------------	--------

Storage Relative Humidity	0-95%
---------------------------	-------

Degree of Protection	IP20
----------------------	------

*Specification are subject to change without prior notice due to constant improvement in design & technology.



SINCE 1995



Servo Voltage Stabiliser



Air Cooled

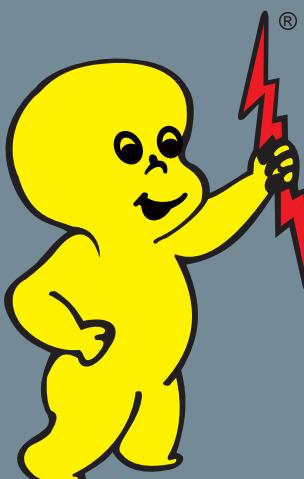
Available in
3KVA-100KVA(3Ø)



Oil Cooled

Available in
25KVA -750KVA (3Ø)

Micro Controller based
also Available on Request



ABC Power Systems
www.upsworld.net

GUJARAT

AN ISO
9001:2008
CERTIFIED
COMPANY

SERVO VOLTAGE STABILISER (Oil / Air Cooled 3 Phase)

TECHNICAL SPECIFICATION

Specifications

Input Range (4 Wire Systems)	Regular 290-470 VAC	ECCO 340-470 VAC	WR 240-520 VAC
Output Volt	415 VAC for Three Phase (Adjustable & unbalance type)		
Capacity	3.0 KVA to 750 KVA (3Ø) (AirCooled / Oil Cooled)		
Regulation	± 1%		
Supply Frequency	47-53 Hz		
Efficiency	Better than 98%		
Wave From Distortion	Nil		
Effect of Load Power Factor	Nil		
Correction Rate	70 V/sec		
Type of Control	High torque AC Servo motor		
Ambient Temp.	0 to 45c. (Max.)		
Environment	Designed for indoor tropical use (Out Door is also Available on Request)		
Accessories @ Indications	Output On / Input On(R-Y-B)		
@ AC V-Meter	I/P : R-Y-B-RN-YN-BN (Digital)		
	O/P : R-Y-B-RN-YN-BN (Digital)		
@ Controls	Auto / Manual Selector Switch		
	I/P / O/P Selector Switch		
	INC/DCR Selector Switch	O/P Volt Adjustment Potentiometer (V. Set Pot)	
Protection	(1) O/P Over/Under Volt Trip (2) Overload & Short Circuit Through MCB at I/P		
	(3) Single Phasing Preventer (SPP)		
	(4) Phase Sequence Changer Trip (Optional) (5) EMI/RFI Filtration (Optional)		
	(6) Micro Controller Based Technology with LCD Display Controls (Optional)		



Physical Size (in mm)

	Air Cooled	Oil Cooled
Capacity	H. x W. x D.	Capacity H. x W. x D.
3KVA	690 x 290 x 470	30KVA 800 x 1160 x 600
15KVA	880 x 310 x 510	45KVA 915 x 1345 x 650
30 KVA	940 x 390 x 610	100KVA 965 x 1520 x 700
50 KVA	1120 x 420 x 780	200KVA 1200 x 1900 x 800
75 KVA	1300 x 590 x 1050	750KVA 1800 x 2250 x 1300

SERVO VOLTAGE STABILISER (Air / Oil Cooled Single Phase)

TECHNICAL SPECIFICATION

Specifications

Input Range	Regular 170 - 270 VAC / Wide Range 750 - 1800 x 2250 x 1300 VAC
Output Volt	230 ± 1% VAC
Efficency	>95%
Capacity	1KVA to 25 KVA
Correction Rate	35 Volt / Second
Protections	(1) Operation Theatres (2) CNC Machine (3) Production Plant (4) X-Ray Machine (5) Process - Control & Medical Equipments (6) Digital Voltage Controller
Application	with Output High - Low Cutoff / with MCB & Fuse Protect for Overload
Physical Size	Capacity H. x W. x D.
(in mm)	1KVA 245 x 160 x 405
	2 - 6KVA 260 x 200 x 470
	7.5 - 12.5 KVA 350 x 315 x 525
	15 KVA - 25 KVA 705 x 385 x 490



Mfg by :
Sarthill®
ABC Power Systems
www.abcpowersystems.com

*Specification are subject to change without prior notice due to constant improvement in design & technology.

SINCE 1995

25
YEARS TRUST



CONSTANT VOLTAGE TRANSFORMER (CVT) (1Ø-3Ø)



Special Range for
3Ø CVT
(150VA-5KVA)

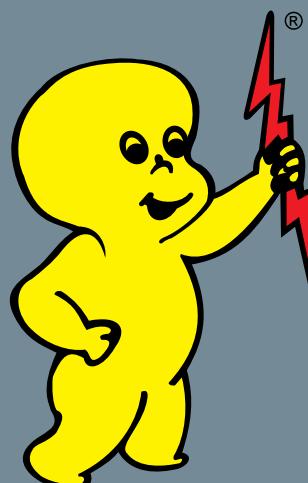
Customized
CVT & UIT
also Available

ULTRA ISOLATION TRANSFORMER (UIT) (1Ø-3Ø)



1Ø
(1KVA-25KVA)

3Ø
(3KVA-500KVA)



ABC Power Systems
www.upsworld.net
GUJARAT

AN ISO
9001:2008
CERTIFIED
COMPANY

CONSTANT VOLTAGE TRANSFORMER(CVT)

TECHNICAL SPECIFICATION

Specifications

Capacity	150 VA to 5 KVA
Input	160V - 280 VAC
Output	230 ± 1%
Freq.	50Hz
Rate of Correction	250 Volts / Second
Efficiency	85%(With Full Load)
Coupling Capacitance	Less than 0.005PF
Audible Noise	<50db
Optional	High / Low Voltage Cut off, Time Delay
Advantages of CVT	<ul style="list-style-type: none"> ◆ Maintenance - Free (No moving parts) ◆ Very Fast Correction Speed ◆ Zero Voltage Potential between output Natural & Ground ◆ Total Galvanic Isolation ◆ Protected against Overload / Short Circuit ◆ Rectifies Distorted Input Wave forms to Sinewave forms
Application	<ul style="list-style-type: none"> ◆ Personal Computer ◆ Weigh Bridge ◆ Biomedical Equipments ◆ EPABX, Fax Machines ◆ Wheel Alignment Machine ◆ Sensitive Micro-Processor based Electronic Equipments
Physical Size (MM)	Capacity H. x W. x D.
	150VA 170 x 210 x 315
	500VA 200 x 225 x 360
	1KVA 255 x 280 x 435
	2KVA 370 x 300 x 515

ULTRA ISOLATION TRANSFORMER (UIT) (1Ø-3Ø)

TECHNICAL SPECIFICATION

Specifications

Output Voltage	Input Voltage
Efficiency	>95%
Capacity	150 VA to 25 KVA (1Ø) / 3KVA to 500 KVA (3in-3 Out / 3in-1 Out)
Coupling Capacitance	0.005 to 0.009 PF
Feature & Protections	<ul style="list-style-type: none"> ◆ Isolation from the noisy power line ◆ Coupling Capacitance 0.005 to 0.009 PF ◆ Break Down Strength : 2500 Volts AC for 2 Minutes ◆ Total Galvanic Isolation ◆ Neutral Isolated, So Elimination from Earthing Problem
Application	<ul style="list-style-type: none"> ◆ Communication & Process Control Equipments ◆ CNC Machine ◆ Medical Equipments
Physical Size (MM)	Capacity H. x W. x D.
	1KVA (1Ø) 200 x 170 x 260
	5KVA (1Ø) 225 x 230 x 350
	10KVA (1Ø) 500 x 550 x 570

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Mfg by :

Sarthill
ABC Power Systems
www.abcpowersystems.com

Authorised for Sarthill Power Products

SINCE 1995



DIGITAL POWER CONDITIONER



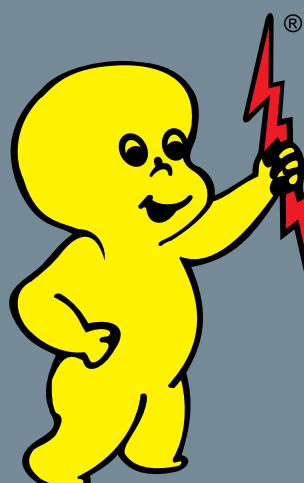
AUTOMATIC VOLTAGE CORRECTOR



POWER STRIP



MANUAL VOLTAGE CORRECTOR



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

DIGITAL POWER CONDITIONER

TECHNICAL SPECIFICATION

Specifications

Capacity	500 VA to 5 KVA
Input	170V - 270 / 150 -290 VAC
Output	230 ± 5% V
Rate of Correction	450 Volts / Second
Harmonic distortion	Nil
Efficiency	>98%
Optional	High / Low Voltage Cut off, Time Delay
Advantages Over CVT	<ul style="list-style-type: none"> ◆ Close - loop principle ◆ No Magnetic Flux Leakage ◆ Light Weight & Compact ◆ No Wave from Distortion ◆ No Heating / Humming noise ◆ Solid - State Control ◆ Built-in protection against spikes, surges, overload, over voltage
Application	<ul style="list-style-type: none"> ◆ Personal Computer ◆ EPABX, KTS Systems ◆ Machines ◆ Photocopiers ◆ Electronic Typewriters ◆ Weighing Scales ◆ Process - Control & Analytical Equipment
Physical Size (MM)	Capacity H x W. x D.
	500VA 200 x 250 x 325
	1000VA 260 x 305 x 495
	5000VA 700 x 340 x 475

AUTOMATIC VOLTAGE CORRECTOR

TECHNICAL SPECIFICATION

Specifications

Models	Automatic / Manual
Capacity	0.25 KVA to 10.00 KVA
Input	170-270 / 140-300 / 100-300
Output	230 ± 9% VAC
Efficiency	>95%
Optional	High / Low Cut Out, Time Delay
Physical Size (MM)	Capacity H. x W. x D.
	1KVA(DR) 140 x 250 x 190
	4KVA (DR) 195 x 295 x 100
	4KVA (S/P) 165 x 235 x 315
	5KVA (S/P) 205 x 315 x 345

POWER STRIP

TECHNICAL SPECIFICATION

Specifications

Capacity	5 Amp
Outlets	Five (3 Socket - 5AMP Plug + 1 Socket - 15 AMP Plug +1 Socket 2 Pin Plug)
Indication	Mains Fault Detector

Long Life
Due & Suck
Based

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Mfg by :

Sarthill
ABC Power Systems
www.abcpowersystems.com

Authorised for Sarthi Power Products

SINCE 1995



II Sarthill®

Line-Interactive UPS Systems



Special UPS
For Elevator &
Weighing Systems

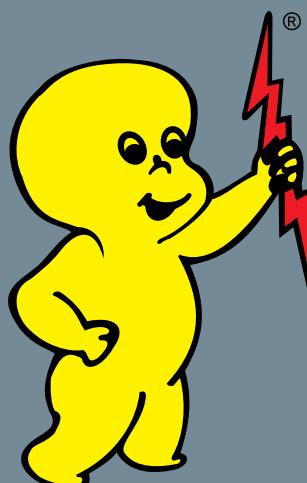
Available in
0.5-2.5kVA

Digital Inverter (Home UPS)

MOSFET Based Latest
PWM Technology



Special Models
Available For
Computer



ABC Power Systems
GUJARAT
www.upsworld.net

AN ISO
9001:2008
CERTIFIED
COMPANY

Line-Interactive UPS Systems

TECHNICAL SPECIFICATION

Specifications				
Capacity	0.5 KVA to 2.5 KVA			
Input	165V - 280 VAC			
Freq.	50Hz ± 3Hz			
Output	230 ± 6%			
Efficiency	>95%			
Inverter Mode Batt.	12 / 24 / 36 VDC			
Output	230 VAC ± 2% Quasi Square Wave			
Transfer Time	< 3 msec.			
Protection	Over Load / Low Battery / Audio Alaram / Short Circuit			
Sailent Features	Automatic no load cut off saves power & undue drain of battery, Cold start facility			
Back Up Time	15 Min. to 6 hr.			
Application	<ul style="list-style-type: none"> ◆ Personal Computer ◆ Lan System ◆ Telecom Eqpt. ◆ Elevator ◆ Office Automation ◆ Process Instruments ◆ Medical Equipments ◆ Weighing Systems 			
Physical Size (MM)	Capacity	H.	x	W. x D.
	500VA(IB)	175	x	105 x 345
	1KVA (IB)	225	x	125 x 395
	1KVA(Ext)	245	x	160 x 405
	2KVA(Ext)	310	x	215 x 430
	2KVA(IB)	515	x	215 x 445

Digital Inverter(Home UPS)

TECHNICAL SPECIFICATION

Specifications				
Capacity	150 VA to 10 KVA			
Input	165V - 280 VAC			
DC Voltage	12 / 24 / 36 / 180 V DC			
Output	230 ± 5%			
Efficiency	>85%			
Sailent Features	<ul style="list-style-type: none"> ◆ Fully Automatic ◆ Auto Reset ◆ No Pollution ◆ Noise Free ◆ Electronic overload protection to avoid total failure ◆ Battery dip discharge - overcharge protection to give longer battery life ◆ Stable Frequency : AN IC - controlled oscillator keeps the inverter's o/p frequency - steady at 50 Hz 			
Protection				
Application	<ul style="list-style-type: none"> ◆ EPABX Systems ◆ Show Rooms ◆ Restaurant ◆ Intercom ◆ Hospital ◆ Hotel ◆ Office ◆ VCR ◆ Audio Systems 			
Physical Size (MM)	Capacity	H.	x	W. x D.
	500VA	120	x	260 x 275
	1KVA	135	x	275 x 300
	2KVA	160	x	325 x 350
	5KVA	485	x	290 x 470
	10KVA	565	x	365 x 545

*Specification are subject to change without prior notice due to constant improvement in design & technology.



Authorised for Sarthi Power Products