







	Screv	v Size		Torque	Range			Available
Model	Machine Screw	Tapping Screw	Free Speed	Hard Joint	Soft Joint	Weight	Length	Drive Bit
	m	m	RPM	Nm		kg	mm	inch
BSD-E7T2-14-U	2.3-3.5	2.3-3.0	1400	0.3-2	0.3-1.6	0.9	196.7	1/4" Hex
BSD-E7T3-33-U	2.0-4.0	2.0-3.5	3300	1-3	1-2.4	0.9	196.7	1/4" Hex
BSD-E7T3-16-U	2.6-4.0	2.6-3.5	1600	1.2-3.5	1.2-2.8	0.9	196.7	1/4" Hex
BSD-E7T5-12-U	4.0-5.0	<b>≦</b> 4	1200	2-5	2-4	0.9	196.7	1/4" Hex
BSD-E7T7-09-U	5.0-6.0	≦5	950	2.5-7	2.5-5.6	0.9	196.7	1/4" Hex

	Screw Size			Torque	Range			Available
Model	Machine Screw	Tapping Screw	Free Speed	Hard Joint	Soft Joint	Weight	Length	Drive Bit
	mm		RPM	Nm		kg	mm	inch
P15-E9T6-10-U	4.0-5.0	<b>≦</b> 4	1000	2-6	2-4.8	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T9-07-U	5.0-6.0	<b>≦</b> 4.5	770	3-9	3-7.2	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T12-05-U	≦8	<b>≦</b> 6	550	4-12	4-9.6	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T18-03-U	<b>≦</b> 10	≦8	350	6-18	6-14.4	1.4	249.2	1/4"Hex, 3/8" Sq





	Screv	v Size		Torque	Range			Available
Model	Machine Screw	Tapping Screw	Free Speed	Hard Joint	Soft Joint	Weight	Length	Drive Bit
	mm		RPM	N	Nm		mm	inch
P15-E7T2-14-D	2.3-3.5	2.3-3.0	1400	0.3-2	0.3-1.6	0.9	196.7	1/4" Hex
P15-E7T3-33-D	2.0-4.0	2.0-3.5	3300	1-3	1-2.4	0.9	196.7	1/4" Hex
P15-E7T3-16-D	2.6-4.0	2.6-3.5	1600	1.2-3.5	1.2-2.8	0.9	196.7	1/4" Hex
BSD-E7T5-12-D	4.0-5.0	<b>≦</b> 4	1200	2-5	2-4	0.9	196.7	1/4" Hex
BSD-E7T7-09-D	5.0-6.0	≦5	950	2.5-7	2.5-5.6	0.9	196.7	1/4" Hex

	Screv	v Size		Torque	Range			Available
Model	Machine Screw	Tapping Screw	Free Speed	Hard Joint	Soft Joint	Weight	Length	Available Drive Bit
	m	m	RPM	Nm		kg	mm	inch
P15-E9T6-10-D	4.0-5.0	<b>≦</b> 4	1000	2-6	2-4.8	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T9-07-D	5.0-6.0	<b>≦ 4.5</b>	770	3-9	3-7.2	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T12-05-D	≦8	≦6	550	4-12	4-9.6	1.4	249.2	1/4"Hex, 3/8" Sq
P15-E9T18-03-D	<b>≦ 10</b>	≦8	350	6-18	6-14.4	1.4	249.2	1/4"Hex, 3/8" Sq



# APAC® NEW from APAC Power Controllers (Advanced Version)



Model	PA9T-8301	PA9L-8301
Input Voltage	AC 100-240V 50/60Hz 6.3A	AC 100-240V 50/60Hz 6.3A
Output Voltage	DC 40V	DC 40V
Output Current	6A, 240W Max	9A, 360W Max
Dimension	172 x 147 x 70 (mm)	172 x 147 x 70 (mm)
Weight	1.66 Kg	1.66 kg
AC Cord Length	1.8M with ground	1.8M with ground
Applicable Model	P15-E7T P15-E9T	P15-E9L P15-E9A









		Screw	Screw Size Ø		peed					Available
Start Option	Model	Machine Screw	Tapping Screw	ні	LO	Torque	e Range	Weight	Length	Drive Bit
		mm		RPM		Kg-cm	Nm	g	mm	mm
	P15-E1L01-10	1.0-1.7	1.0-1.5	1000	700	0.35-1.8	0.03-0.17	320	222.9	ø4
Lever	P15-E1L03-10	1.0-2.3	1.0-2.0	1000	700	0.5-3.5	0.05-0.34	320	222.9	ø4
Start	P15-E1L01-02	1.0-1.7	1.0-1.5	270	200	0.35-1.8	0.03-0.17	320	222.9	ø4
	P15-E1L03-02	1.0-2.3	1.0-2.0	270	200	0.5-3.5	0.05-0.34	320	222.9	ø4







#### E3L (Lever Star)

#### E3P (Push Star)

		Screw	Size Ø	Free S	Speed					Availabla
Start Option	Model	Machine Screw	Tapping Screw	н	LO	Torque	e Range	Weight	Length	Available Drive Bit
		mm		RPM		Kg-cm	Nm	g	mm	mm / inch
	P15-E3L04-16	1.6-2.6	1.6-2.3	1600	1200	1.2-4	0.11-0.39	430	238.9	Ø4、Ø5、1/4" Hex
	P15-E3L07-10	1.6-2.6	1.6-2.3	1000	700	1.5-7.5	0.12-0.73	430	238.9	Ø4、Ø5、1/4" Hex
Lever	P15-E3L11-10	1.6-3.0	1.6-2.6	1000	700	2-11	0.2-1.07	430	238.9	Ø4、Ø5、1/4" Hex
Start	P15-E3L04-04	1.6-2.6	1.6-2.3	470	350	1.2-4	0.11-0.39	430	238.9	Ø4、Ø5、1/4" Hex
	P15-E3L11-04	1.6-3.0	1.6-2.6	470	350	2-11	0.2-1.07	430	238.9	Ø4、Ø5、1/4" Hex
	P15-E3L14-04	2.3-3.5	2.3-3.0	470	350	3-14	0.29-1.37	430	238.9	Ø4、Ø5、1/4" Hex
Push start	P15-E3P11-10	1.6-3.0	1.6-2.6	1000	700	2-11	0.2-1.07	450	262.7	Ø4、Ø5、1/4" Hex







#### E5L (Lever Star)

E5P (Push Star)

		Screw	Size Ø	Free S	peed					Available
Start Option	Model	Machine Screw	Tapping Screw	н	LO	Torque	Range	Weight	Length	Drive Bit
8		mm		RPM		Kg-cm	Nm	g	mm	mm / inch
	P15-E5L10-20	1.6-3.0	1.6-2.6	2000	1500	3-10	0.29-0.98	670	283.2	Ø5、1/4" Hex
	P15-E5L11-11	1.6-3.0	1.6-2.6	1100	800	3-11	0.29-1.08	670	283.2	Ø5、1/4" Hex
Lever Start	P15-E5L20-11	2.3-3.5	2.3-3.0	1100	800	5-20	0.49-1.96	670	283.2	Ø5、1/4" Hex
	P15-E5L11-03	1.6-3.0	1.6-2.6	330	240	3-11	0.29-1.08	670	283.2	Ø5、1/4" Hex
	P15-E5L20-03	2.3-3.5	2.3-3.0	330	240	5-20	0.49-1.96	670	283.2	Ø5、1/4" Hex
	P15-E5P10-20	1.6-3.0	1.6-2.6	2000	1500	3-10	0.29-0.98	700	299	Ø5、1/4" Hex
	P15-E5P11-11	1.6-3.0	1.6-2.6	1100	800	3-11	0.29-1.08	700	299	Ø5、1/4" Hex
Push start	P15-E5P20-11	2.3-3.5	2.3-3.0	1100	800	5-20	0.49-1.96	700	299	Ø5、1/4" Hex
	P15-E5P11-03	1.6-3.0	1.6-2.6	330	240	3-11	0.29-1.08	700	299	Ø5、1/4" Hex
	P15-E5P20-03	2.3-3.5	2.3-3.0	330	240	5-20	0.49-1.96	700	299	Ø5、1/4" Hex







#### E7L (Lever Star)

E7P (Push Star)

		Screw Size Ø		Free Speed						Available	
Start Option	Model	Machine Screw	Tapping Screw	ні	LO	Torque	Torque Range		Length	Drive Bit	
		mm		RPM		Kg-cm	Nm	g	mm	mm / inch	
	P15-E7L30-19	2.6-4.0	2.6-3.5	1900	_	15-30	1.47-2.94	850	306.9	1/4" Hex	
	P15-E7L30-10	2.6-4.0	2.6-3.5	1000	<u>—</u>	15-30	1.47-2.94	850	306.9	1/4" Hex	
Lever	P15-E7L40-10	4.0-5.0	<b>≦</b> 4	1000	<u>—</u>	17-40	1.67-3.92	850	306.9	1/4" Hex	
Start	P15-E7L50-06	4.0-5.0	<b>≦</b> 4	650		20-50	1.96-4.9	850	306.9	1/4" Hex	
	P15-E7L30-02	2.64-4.0	2.6-3.5	260	_	15-30	1.47-2.94	850	306.9	1/4" Hex	
	P15-E7L50-02	4.0-5.0	<b>≦</b> 4	260		20-50	1.96-4.9	850	306.9	1/4" Hex	
	P15-E7P30-19	2.6-4.0	2.6-3.5	1900	_	15-30	1.47-2.94	880	324.1	1/4" Hex	
	P15-E7P30-10	2.6-4.0	2.6-3.5	1000		15-30	1.47-2.94	880	324.1	1/4" Hex	
Push	P15-E7P40-10	4.0-5.0	<b>≦</b> 4	1000	_	17-40	1.67-3.92	880	324.1	1/4" Hex	
start	P15-E7P50-06	4.0-5.0	<b>≦</b> 4	650		20-50	1.96-4.9	880	324.1	1/4" Hex	
	P15-E7P30-02	2.6-4.0	2.6-3.5	260	_	15-30	1.47-2.94	880	324.1	1/4" Hex	
	P15-E7P50-02	4.0-5.0	<b>≦</b> 4	260		20-50	1.96-4.9	880	324.1	1/4" Hex	





Start Option		Screw Size			Torque Range				Available
	Model	Machine Screw	Tapping Screw	Free Speed	Hard Joint	Soft Joint	Weight	Length	Drive Bit
		mm		RPM	Nm		kg	mm	inch
	P15-E9L6-21	4.0-5.0	<b>≦</b> 4	2100	2-6	2-4.8	1.15	339	1/4" Hex
Lever Start	P15-E9L9-10	≦6	≦ 5	1000	3-9	3-7.2	1.15	339	1/4" Hex
	P15-E9L12-08	≦8	≦6	880	5-12	5-9.6	1.15	339	1/4" Hex









		Drive	Screv	v Size	Free	Torque	Range		
Start Option	Model	Size	Machine Screw	Tapping Screw	Speed	Hard Joint	Soft Joint	Weight	Length
		inch	mm		RPM	Nm		kg	mm
	P15-E9A9Q-13	1/4" Hex.	≦6	<b>≦</b> 4.5	1350	3-9	3-7.2	1.48	384.2
	P15-E9A9W-13	1/4" Sq.	≦6	<b>≦</b> 4.5	1350	3-9	3-7.2	1.48	384.2
	P15-E9A9X-13	3/8" Sq.	≦6	≦ 4.5	1350	3-9	3-7.2	1.48	384.2
	P15-E9A13Q-06	1/4" Hex.	≦8	≦6	650	5-13	5-10.4	1.48	384.2
Lever Start	P15-E9A13W-06	1/4" Sq.	≦8	≦6	650	5-13	5-10.4	1.48	384.2
	P15-E9A13X-06	3/8" Sq.	≦8	≦6	650	5-13	5-10.4	1.48	384.2
	P15-E9A18Q-05	1/4" Hex.	<b>≦10</b>	≦8	550	7-18	7-14.4	1.48	384.2
	P15-E9A18W-05	1/4" Sq.	≦ 10	≦8	550	7-18	7-14.4	1.48	384.2
	P15-E9A18X-05	3/8" Sq.	≦10	≦8	550	7-18	7-14.4	1.48	384.2



# APAC® NEW from APAC Power Controllers (Standard Version)





#### NEW from APAC » Power Controllers (Standard Version)





Model	PA1L-8301	PA3L-8301	PA5L-8301	PA7L-8301
Input Voltage	AC 100-240V 50/60Hz 0.6A	AC 100-240V 50/60Hz 1.5A	AC 100-240V 50/60Hz 2.2A	AC 100-240V 50/60Hz 2.2A
Output Voltage	LO DC 9V HI DC 12V	LO DC 24V HI DC 32V	LO DC 24V HI DC 32V	DC 36V
Output Current	2.0A, 24W Max	2.0A, 64W Max	2.0A, 64W Max	2.0A, 72W Max
Dimension	170 x 71 x 52 (mm)			
Weight	228g	303g	316g	316g
AC Cord Length	1.8M	1.8M	1.8M	1.8M
AppLicable Model	P15-E1L	P15-E3L P15-E3P	P15-E5L P15-P5P	P15-E7L P15-E7P



# APAC® NEW from APAC Power Controllers (Advanced Version)



Model	PA3L-8301B	PA5L-8301B	PA7L-8301B
Input Voltage	AC 100-240V 50/60Hz 1.5A	AC 100-240V 50/60Hz 2.2A	AC 100-240V 50/60Hz 2.2A
Output Voltage	LO DC 24V HI DC 32V	LO DC 24V HI DC 32V	DC 36V
Output Current	2.0A, 64W Max	2.0A, 64W Max	2.0A, 72W Max
Dimension	170 x 71 x 52 (mm)	170 x 71 x 52 (mm)	170 x 71 x 52 (mm)
Weight	305g	318g	318g
AC Cord Length	1.8M	1.8M	1.8M
Applicable Model	P15-E3L P15-E3P	P15-E5L P15-E5P	P15-E7L P15-E7P