



# EZ Power Supply Specifications

Specifications for 30W, 60W, 90W, 120W, and 240W							
Specifications	EZPPS-30W \$99	EZPPS-60W \$109	EZPPS-90W \$119	EZPPS-110-120W \$229	EZPPS-110-240W \$329	EZPPS-230-120W \$229	EZPPS-230-240W \$329
Input Voltage	85 - 264VAC Universal Input Voltage 47-63Hz			90-135VAC (50-60Hz)	100-135VAC (50-60Hz)	180-270VAC (50-60Hz)	200-270VAC 60-60Hz
Typical Input Current at Full Load	0.65A @ 115VAC, 0.35A @ 230VAC	1.15A @ 115VAC, 0.65A @ 230VAC	1.55A @ 115VAC, 0.85A @ 230VAC	1.84A @ 115VAC	3.5A @ 115VAC	1A @ 230VAC	1.8A @ 230VAC
C-curve Circuit Breaker/ Slow Blow Fuse	5 Amps						
Typical Efficiency	85%			90%			
Output Voltage/Current/Watt	Adjustable 23 - 27V, 24VDC/1.25A max, 30W	Adjustable 23 - 27V, 24VDC/2.5A max, 60W	Adjustable 23 - 27V, 24VDC/3.75A max, 90W	Adjustable 23 - 24.5V, 24VDC/5.0A max, 120W	Adjustable 23 - 24.5V, 24VDC/10.0A max, 240W	Adjustable 23 - 24.5V, 24VDC/5.0A max, 120W	Adjustable 23 - 24.5V, 24VDC/10.0A max, 240W
Typical Life/MTBF	MTBF@25°C without taking in to account electrolytic capacitors, operating temperatures and output load is meaningless. Expected Life of EZPPS is 50K - 100K hrs. depending on load and temperature.						
Hold-up Time	10ms min @ 115VAC, 20ms min @ 230VAC			20ms @ 115VAC	20ms @ 115VAC	20ms @ 230VAC	20ms @ 230VAC
Programmable Current Limit	20% - 100% of Full Load with automatic recovery upon short-circuit						
Temperature	Operating: -25°C to 60°C (-13°F to 140°F). Above +60°C(140°F) 2.5% /°C derating up to 70°C (185°F) Storage (non-operating): -25°C to + 85°C max (-13°F to 185°F)			Operating: -25°C to 50°C (-13°F to 122°F). Above 50°C(122°F): 2.5% /°C derating up to 70°C (185°F) Storage (non-operating): -25°C to + 85°C max (-13°F to 185°F)			
Humidity	10% - 95% (non-condensing)						
Output Regulation	1%						
Output Voltage Ripple	<100 mV peak-to-peak						
Over-temperature Protection	Switch off at over-temperature, automatic restart						
Status Indicators	LED Display						
Electrical Noise	Nema ICS 2-230 Showering arc; ANSI C37.90a SWC; Level C Chattering Relay Test (pending)						
Withstand Voltage	1000VDC (1 minute) between power supply input terminal and protective ground						
Insulation Resistance	Over 20M Ohm between power supply input and terminal and protective ground						
Vibration	5 to 55Hz 2G's for 2 hours in X, Y, and Z axis						
Shock	10G for under 12ms in the X,Y, and Z axis						
Enclosure Rating	NEMA 1, IP20						
Enclosure Material	Engineered Plastic						
Mounting	Snap-on with self-locking spring for 35mm DIN rails per EN 50022-35x15/75, or wall mount with bracket						
Connection	Pluggable screw terminals (plugs included) 2 terminals per output						
Wiring	24 -12 AWG / 3.30mm <sup>2</sup> max						
Agency Approvals	UL, cUL, CSA, CE (File no. E209355)						

