



Wide input voltage range: 100-240VAC, 150-380VDC

8 hours burn-in test

Miniature plastic enclosure

Overload protection with automatic recovery

LED status indicator

Shielded output cable

Nonflammable housing material

2 years warranty

**Specification:**

Output	Rated power	<b>3W</b>	<b>5W</b>	<b>8W</b>	<b>10W</b>	<b>12W</b>	<b>15W</b>	<b>18W</b>
	Output voltage	<b>12V (3, 5, 9, 15, 18, 24, 36, 48V per customer request)</b>						
	Rated current (Uoutput=12V)	<b>0.25A</b>	<b>0.40A</b>	<b>0.65A</b>	<b>0.85A</b>	<b>1.0A</b>	<b>1.25A</b>	<b>1.5A</b>
	Output voltage noise and ripples	≤1.0%						
	PWM frequency	65kHz (22kHz without load)						
	Temperature regulation	≤1%						
	Output voltage setup time	1500ms						
Input	Voltage range	100-240VAC (94VAC Min, 264VAC Max), 150-380VDC						
	Frequency range	47 ~ 63Hz						
	Efficiency	≥82% @ 12V						
	Open-circuit power	≤0.5W						
	Inrush current	20A max						
Indication	LED	on solid - normal, flashing - protection on						
Input plug	Input plug settings (set up by customer)	according to the order						
Output cable & connector	Output connector and cable settings (set up by customer)	according to the order						
Protection	Max output power	3.6W	6W	9.6W	12W	14.4W	18W	21.6W
	Protection type	full auto						
Environment	Operating ambient temperature	0 °C to + 60 °C						
	Storage temperature	-10 °C to +85 °C (humidity 10%~90%)						
	Humidity (non-condensing)	20%~90%						
	Vibration	10-500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes						
Safety & EMC	Confirmed safety standards	IEC61000-3-2:2004, EN61000-3-3:2004, EN55013:2004, EN55020:2003, IEC60065:2009						
	Input/output breakdown voltage	3000V/60s/5mA						
	Insulation resistance (input/output)	100MΩ ±500V						
Others	MTBF	150 000 hours						
	Warranty	<b>2 years</b>						
	Packaging	white box, 100 pieces per carton						

**FARADAY Electronics is taking the applications for the designing and production of power supply units according to your design assignment.**