



**FEATURES:**

- CE, EAC certified
- Miniature plastic case
- IP 67 protection
- Work temperature range -30..40°C (for model 18W/12V/WP)
- Automatic protection: short circuit, overload, overvoltage

**SPECIFICATION**

Model name		18W/12V/WP	18W/15V/WP	24W/12V/WP	24W/15V/WP	18W/18V/WP	
Output	Rated power	18 W	18 W	24 W	24 W	18 W	
	Rated DC voltage	12 V +/- 5%	15 V +/- 5%	12 V +/- 5%	15 V +/- 5%	18 V +/- 2%	
	Rated current	1.5 A	1.2A	2 A	1.6 A	1 A	
	Voltage ripple and noise	≤60 mV			≤120 mV	≤80 mV	
	PWM frequency	65 kHz					
	Temperature regulation	≤1 %					
	Setup, rise time	<1500 ms					
Input	Voltage range	100 - 240 VAC					
	Frequency range	50 - 60 Hz					
	Efficiency	≥82 %	≥82%	≥85 %	≥80%	≥82%	
	No load power consumption	≤0,2 W	≤0,2 W	≤0,5 W	≤0,5 W	≤0,2 W	
	Inrush current	40 A max.					
Protection	Short circuit, overload, over current	Hiccup mode, recovers automatically after fault condition is removed					
Environment	Working temperature	-30..+40 °C	-10..+40 °C	-10..+40 °C		0..+50 °C	
	Storage temperature	-40..+85 °C					
	Working humidity	100 %					
	Vibration	10-500 Hz, 5G, 10 min./1 cycle, period for 60 min., each along X, Y, Z axes					
Safety & EMC	Safety standards, EMC emission	IEC61000-3-2:2014, EN61000-3-3:2013, EN55013:2013, EN55020:2007, EN60065:2009, EN55022					
	Withstand voltage I/P-O/P	1,5kV / 60 s / 5 mA				3kV / 60 s / 5 mA	
	Withstand voltage I/P-FG	1,5kV / 60 s / 5 mA					
	Withstand voltage O/P-FG	0,5kV / 60 s / 5 mA					
	Insulation resistance	100 M Ohms/500 VDC/25 °C/70% RH					
Others	DC jack	5.5 x 2.1 x 10 mm			-	-	
	MTBF	150 000 h					
	Warranty	2 years					
	AC cable length	250 mm			200 mm	250 mm	
	DC cable length	450 mm			200 mm	250 mm	
	Packing	White box					
	Dimension, mm	48 x 50 x 26 (diagonal 55 mm)			59,5 x 61,4 x 29,7 (diagonal 66 mm)		48 x 50 x 26 (diagonal 55 mm)
	Weight	106 g			170 g		106 g