



#### FEATURES:

- CE, EAC certified
- Wide AC input range selectable by switch
- Standard aluminum housing
- Automatic protection: short circuit, overload, overvoltage, overtemperature
- LED indicator for power on

#### SPECIFICATION

Model name		120W/12V	240W/12V	250W/12V	150W/24V	350W/48V
Output	Rated power	120 W	240 W	240 W	150 W	350 W
	Rated DC voltage	12 V			24 V	48 V
	Maximum DC voltage range	11.4 - 13.2 V			22.8 - 26.4 V	40.5 - 50.5 V
	Rated current range	10 A	20 A	20 A	6.3 A	7.3 A
	Voltage ripple and noise	≤0,5 %				
	PWM frequency	80 kHz	55 kHz	55 kHz	55 kHz	55 kHz
	Temperature regulation	≤1 %				
Setup, rise time	≤2000 mc					
Input	Voltage range	164-264VAC	90 -132 VAC / 176-264 VAC (selected by switch)			
	Frequency range	47 - 63 Hz				
	Efficiency	82 %	80 %	82%	86 %	87 %
	No load power consumption	<3 W	<4 W	<4,5 W	<5 W	<6 W
	Inrush current	45 A	45 A	45 A	36 A	60 A
Indication	Green LED (power ON)	On - output DC OK / blinking - in protection				
Protection	Maximum output power	126 W	250 W	250 W	157 W	385 W
	Short circuit, overload, overvoltage, OTP	Hiccup mode, recovers automatically after fault condition is removed *				
Environment	Working temperature	- 10..+60 °C				
	Storage temperature	-20 ..+85 °C				
	Working humidity	20 - 90% RH non-condensing				
	Vibration	10-500 Hz, 2G, 10 min./1 cycle, period for 60 min., each along X, Y, Z axes				
Safety & EMC	Safety standards, EMC emission	UL60950-1, EAC TP TC 004 approved, EAC TP TC 020				
	Withstand voltage I/P-O/P	1.5kV / 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				
	Isolation resistance (I/P-O/P, I/P-FG, O/P-FG)	100 M Ohms/500 VDC/25 °C/70% RH				
Others	MTBF	150 000 hours				
	Dimension, mm	160x98x39	215x115x50	215x115x50	200x98x39	215x115x50
	DIN-rail mounting	DIN holder**	-			
	Warranty	2 years				
	Packing	Plastic bag, white box				
	Weight	480 g	840 g	830 g	630 g	880 g

\* models 240W/12V and 350W/48V have built-in cooling fan for automatic temperature control;

\*\* can be mounted on a DIN-rail using two DIN-holders, supplied separately:

