

FEATURES

- Latest state-of-the-art current mode PWM controller and MOSFET based design.
- LED indications for AC OK, DC OK and OVP (over voltage protection).
- Soft start circuit to limit the AC inrush current.
- Reliable even at high ambient temperature.
- 100% Full load burn-in test.

SPECIFICATIONS

SWITCHING MODE POWER SUPPLY 12V 20A

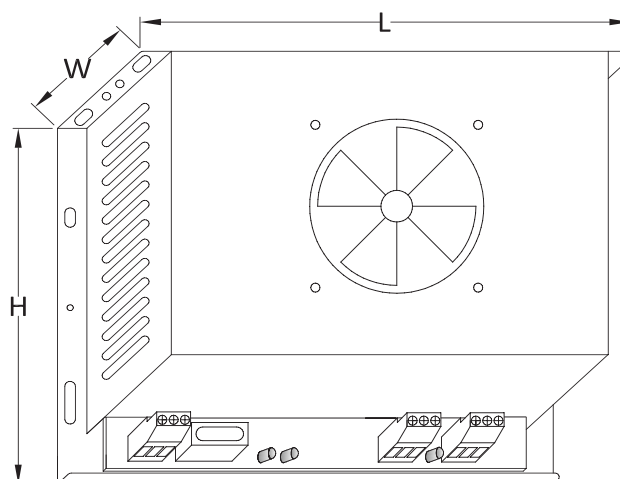


Input Characteristics	Input voltage	180-265VAC
	Frequency	45-60Hz
	Inrush current	<75A
	AC current consumption	2.04A @230VAC
	Indication	AC OK- Yellow LED
	Input protection	4A glass fuse (fast blow)
	Transient surge protection	Yes (varistor)
	Filter	EMI/RFI
	Buffer time	>20msec at full load
	Power factor	0.85 at 230VAC
Output Characteristics	Nominal voltage	12VDC
	Voltage adj. range	12-15VDC
	Nominal current	20A
	Maximum output power	300W
	Line regulation	< +/- 0.5%
	Load regulation	< +/- 0.5%
	Ripple and noise	< +/- 1% P-P
	Indications	DC OK- Green LED, OVP- Red LED
	Connection in parallel	Yes, with diode ORing
	Over voltage protection	Yes
	Over load protection	Yes
	Short circuit protection	Yes (short-term)

SPECIFICATIONS

Environmental Characteristics	Ambient temperature (operation)	0°C - 60°C
	Ambient temperature (storage)	0°C - 75°C
	Relative humidity	95% at 25 °C, non condensation
	Cooling	Forced cooling
General Characteristics	Insulation voltage I/P-O/P	1.5KVAC
	Insulation voltage I/P-PE	2.0KVAC
	Insulation voltage O/P-PE	500VAC
	Installation position	Panel mounting
	Type of connection	Screw type connection (0.2 sq.mm-2.5 sq.mm)
	Weight	1.41 Kg
	Dimension (LXWXH)	187 X 90 X 124 mm
	Power/unit volume	0.14 W/cu.cm

INSTALLATION POSITION



NOTE

- 1) All these parameters are specified at 230VAC@50Hz input voltage and ambient temperature +27°C.
- 2) For continuous improvement, specifications are subject to change without prior intimation.