

SMPS 12V 50A



Specifications

Voltage

- Output voltage adjustable: 12V +/- 20%
- Regulation: $\leq 1\text{mV}$ for a load change from 0 to 100%
 $\leq 1\text{mV}$ for a line change from 180V to 230V
- Ripple: $< 3\text{mV rms}$ including:
 - $< 5\text{mV}$ peak to peak of the signal at 100 KHz
 - $< 5\text{mV}$ peak to peak of a signal at 100Hz
 - $< 40\text{mV}$ peak to peak of switching spikes
- Hold-up time: 25 ms at half load and 12 ms at full load (180V line input).
- Indicator: green power-on LED indicator

Current

- Max 1: 50A to 12V +/- 20%

Power

- Max output power: 600W on 12V

Protection

- Short circuit protection, by current regulation.
- Output overload protection by voltage limiting.

Other specifications

- Safety: Classe II, double insulation
- Input voltage: 180 to 230 Volts, 50 /60 Hz.
- Mains input: double insulation 2 poles cable.
- Power consumption: 600W-12V
- Power factor: 0.99 (built in PFC).
- Dielectric strength: 3000V
- Presentation: metal case with epoxy finish.