

Emparro 10-100-240/12

INPUT: 85...265 V AC/90...250 V DC

OUTPUT: 12...15 V DC

Current: 10 A

Image

- stable output voltage, (short-circuit and overload protected)
- Wide voltage input
- Protection IP20

Vicarious picture

Input

Input voltage	85...265 V AC/90...250 V DC
Input current	1.2 A (100 V AC); 0.6 A (230 V AC)
Inrush current after 1 ms	max. 10 A (230 V AC)
Power factor	0.88 (230 V AC)
External fuse	max. 20 A (T), cable protection
Frequency	50...60 Hz

Output

Output voltage	12 V DC (SELV), $\pm 1\%$; 12...15 V adjustable
Powerboost	+150 % (min. 4 sec.)
Output current	10 A
Mains failure bridging time	min. 30 ms (100 V AC); 10 A (12 V DC)
Ripple	max. 50 mV rms
Spikes	max. 200 mV p-p
Short-circuit and overload protection	yes
LED display	LED (green): OK; LED (red): overload, overheating or short-circuit
Parallel usage/serial usage	max. 5 units/max. 2 units

General data

Standards	(EN 60950-1), (EN 61204-3), (EN 55011 B), (EN 61000-3-2)
Relative humidity	5...95 %, no condensation
Efficiency	92.7 % (12 V DC/7.5 A)
Temperature range	-25...+60 °C, to +70 °C derating (storage temperature -40...+80 °C)
Mounting method	DIN-rail mountable TH35 (EN 60715)

Commercial data

Net weight	660
Weight unit	Gram
Basic unit	pc.
Customs tariff number	85044090
Unit (piece)	1
Minimum order quantity (piece)	1

All data on this data sheet was compiled carefully.

Liability regarding correctness, completeness, and actuality is limited to gross negligence. Created: 09/14

Dimension drawing

