

Emparro 10-100-240/12 S

Screw mounting

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

OUTPUT: 12...15 V DC

Current: 10 A

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

Standards	IEC 61010-2-201, EN 61204-3, EN 55011 B, EN 61000-3-2, SEMI F47
Mounting method	4 hole screw mounting
Temperature range	-40...+60 °C, ...+70 °C derating (storage temperature -40...+80 °C)
Relative humidity	5...95%, no condensation
Protection	IP20
Efficiency	91.4% (110 V AC); 93.2% (230 V AC)
Connection	Push-In spring clamp terminals
Dimensions H×W×D	123×50×138 mm

Output

Output voltage	12 V DC (SELV), ±1%; 12...15 V adjustable
Power Boost	I _{out} N × 150% (min. 4 s)
LED display	LED (green): OK; LED (red): overload, overheating or short-circuit
Output current	10 A
Mains failure bridging time	min. 30 ms (100 V AC); 10 A (12 V DC)
Ripple	max. 50 mV eff/rms
Spikes	max. 200 mV ss/pp
Unit protection	short-circuit and overload protected
Parallel usage/serial usage	max. 5 units/max. 2 units

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)
Frequency	50...60 Hz
Input fuse (internal)	6.3 A (T)
Product article number of manufacturer	85712