

Emparro 10-100-240/48 S

Screw mounting

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

OUTPUT: 48...56 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	95%
Connection	Push-In spring clamp terminals
Dimensions H×W×D	123×85×138 mm

Output

Output voltage	48 V DC (SELV), ±1%; 48...56 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 (48 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	5.1 A (100 V AC); 2.4 A (240 V AC)

Inrush current after 1 ms	max. 11 A (230 V AC)
Power factor	0.94 (230 V AC)
Frequency	50..60 Hz
Input fuse (internal)	10 A (T)

Commercial data

country of origin	CZ
customs tariff number	85044090
EAN	4048879670364
eClass	27049002
Packaging unit	1.000