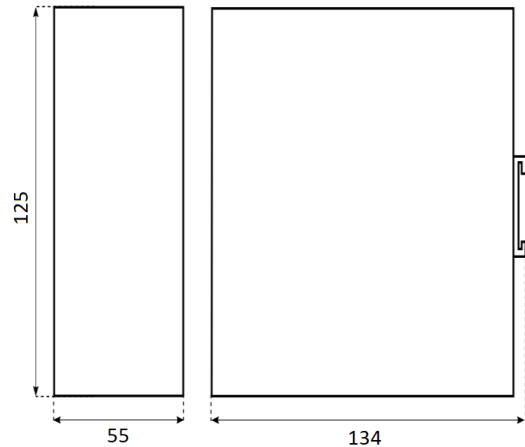


JS-150-545/DIN2_CH_ODP



DESCRIPTION

Switching power supply - AC/DC charger with integrated basic battery management for backup power supply of electronic devices. Designed for connecting a lead-acid (VRLA) battery with a nominal voltage of 48 V. Temperature compensation of the charging voltage and protection against deep discharge of the battery. Protection of the battery input by an internal fuse. Mounting on DIN35 rail. LED operation indication and relay contacts.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	180 - 260 V AC
Frequency of input	47-63 Hz
Input current, DC max.	1 A at 230 V AC
Input fuse	Yes (internal T 4 AH / 250 V AC)

Output Data

Output voltage	54,5 V DC (adjustable +/- 5 %) nominal battery voltage 48 V
Output current	2,5 A max. (current limit - sum of charging and output current)
Output power	136 W
Temperature compensation voltage	-3 mV / article / ° C (initial temperature 25 ° C, terminal blocks T +, T-))
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV
Battery protection	fuse 6,3 A
Battery disconnect voltage	41 V (+/- 0.5 V) - protection against deep discharge
Recommended battery capacity	from 7,2 Ah to 28 Ah

General Data

Efficiency, max.	approx. 87 %
Max. power loss (nominal load)	approx. 20 W
Impulse withstand	0,5 kV between L and N, 0,5 kV between L,N and frame
Isolation	3 kV between primary and secondary (double insulation), 1,5 kV primary-frame
Cooling	natural (free air)

