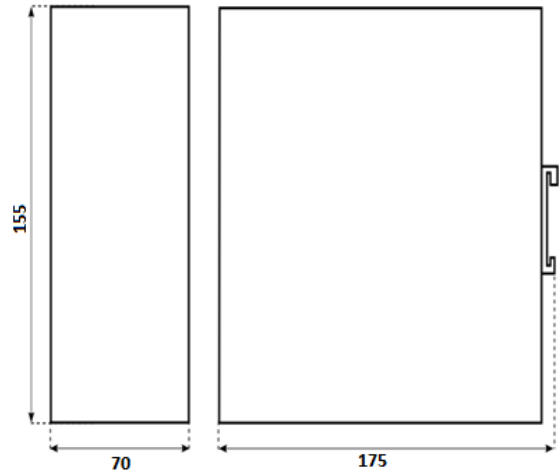


JS-300-545/DIN2_CH



DESCRIPTION

Switching power supply - AC/DC charger for supplying of electronic devices backed up by lead, NiCd or NiMH battery. Temperature compensation of the charging voltage. 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.	1,7 A at 230 V AC
Input fuse	Yes (internal T 6,5 AH / 250 V AC)

Output Data

Output voltage	54,5 V DC (adjustable +/- 5 %)
Output current	5,5 A max. (current limit - sum of charging and output current)
Output power	300 W
Temperature compensation voltage	-3 mV / article / ° C (initial temperature 25 ° C, terminal blocks T +, T-)
Power derating	-2 %/°C from 40 °C to 50 °C ambient temperature
Short-circuit protection	Yes (auto resume)
Max. residual ripple	<150 mV

General Data

Efficiency, max.	approx. 87 %
Max. power loss (nominal load)	approx. 44 W
Parallel connection of outputs	Yes (integrated isolating diode on the output and LS switch)
Impulse withstand	0,5 kV between L and N, 0,5 kV between L, N and frame
Electrical strength	4 kV between primary and secondary (double insulation), 2 kV primary-frame
Cooling	natural (free air)
IP code	IP20
Weight	1400 g
Material of enclosure	Al + FeZN sheet

