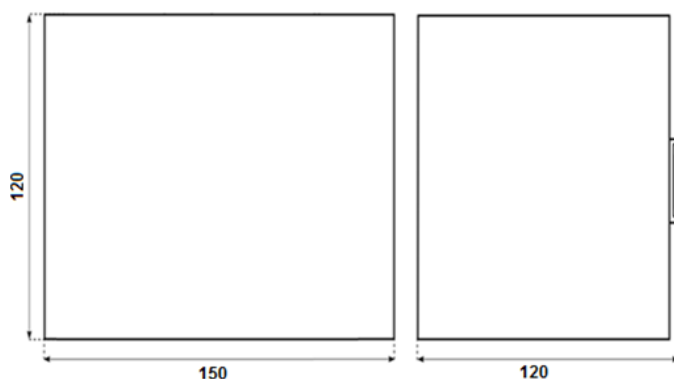


JSD-600-275/DIN_ODP



DESCRIPTION

Switching power supply - AC/DC charger with integrated basic battery management for backup power supply of electronic devices and with remote monitoring. Designed for connecting a lead-acid (VRLA) battery with a nominal voltage of 24 V. Temperature compensation of the charging voltage and protection against deep discharge of the battery. Protection of the battery input by an external fuse. Mounting on DIN35 rail. LED operation indication and relay contacts. Possibility to start backup after connecting a charged battery by pressing the BATTERY CONNECT button.

TECHNICAL PARAMETERS

Input Data

Input voltage, DC	180-260 V AC
Frequency of input	47-120 Hz
Input current, DC max.	2,6 A at 230 V AC
Input fuse	Yes (internal T 6,3 AH / 250 V AC)

Output Data

Output voltage	27,5 V DC (adjustable +/- 5 %)
Output current	20 A max. (current limit - the sum of charging and output current)
Charging current	6 A max.(current limit +/- 10%)
Output power	550 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	must be secured with an external fuse (30 A)
Battery disconnect voltage	21 V (+/- 0.5 V) - protection against deep discharge
Recommended battery capacity	from 18 Ah to 90 Ah

General Data

Efficiency, max.	approx. 87 %
Max. power loss (nominal load)	approx. 80 W
Resistance to voltage pulse	0,5 kV between L and N, 0,5kV L,N and frame
Isolation	4 kV between primary and secondary (double insulation), 1,5 kV primary-frame
Insulation resistance	> 20 M Ω

