

Back-Up Power Supply BP-12

BP-12 set should be used everywhere where 12V DC back-up power supply is required.

Specification

input power supply

adapter DE-20-15 (230 V AC / 15 V AC)

600 mA, 1.6 A fuse

back up battery

12V / 1.3 Ah - model Jablotron SA-214/1.3

output voltage

10,5 - 13.5 V DC, 1.6 A fuse

output current

400 mA permanent, (short time max. up to 1 A)

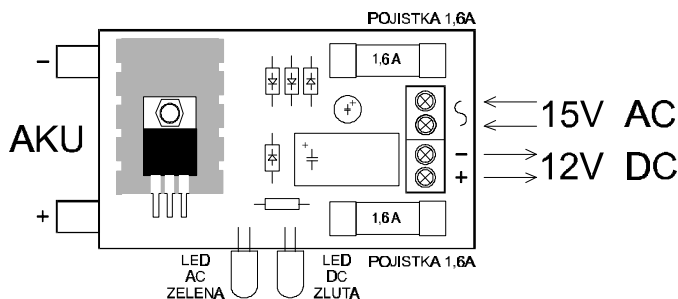
operating temperature

-10 °C to +35 °C

Contents

Plastic case with rubber sealing (125x85x55 mm), power supply PCB, adapter DE-20-15, battery SA-214/1.3, dowels and screws.

Installation



Unscrew the plastic box cover and take out the battery. Install the plastic box on desired place using enclosed dowels and screws. Put the input and output wires through the holes in the box. Fix the PCB with electronics to connectors of the battery. Connect input and output wires to the terminals and place the set inside the plastic box. Put the sealing in the cover and close the

box. Fix it with screws.

Important

Handle the back-up battery with caution! The battery can cause serious damages or injury when being short circuited!

Operation

When 15 V AC input voltage is present, the battery is being charged and the green LED is lit. If the input voltage is not present, the green LED is off and output voltage is supplied by the battery.

Presence of the output voltage 12 VDC is indicated by yellow LED.

Troubleshooting

Yellow LED is off

- 1/ The battery may be discharged (due to long absence of input power)
- 2/ Check the built-in fuses.



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