

The Battery Backup device BB1 is uninterruptible power supply and battery in one device. As long as external power supply is used, the internal battery is charged. In case of a mains power failure, the battery takes over the power supply. The BB1 can also be used as a battery in areas without mains supply.

The integrated LEDs always indicate the active mode of operation, e.g. when the battery is completely charged, the orange charging LED goes out.

**Used for:** for OPTIc2-camera, timing devices, display boards, photocell PR1a, photocell RLS3c, etc.



## Technical Data:

<i>Battery:</i>	Maintenance free rechargeable lead battery with 12 V / 9 Ah
<i>Internal Charger:</i>	Input: 85 - 264 VAC, 47 - 440 Hz
<i>Output Current:</i>	max. 2 A
<i>Charging Time:</i>	about 6 hours (with or without external load) - charging is possible from 0°C (32F) up
<i>Indicators:</i>	4 LED (see below)
<i>Connectors:</i>	DIN-socket - power output 9 - 15 V Connector plug to connect mains
<i>Switches:</i>	On-Switch
<i>Case:</i>	Aluminium case with carrying handle, safety class IP42, internal ventilation for use at high ambient temperatures
<i>Measurements:</i>	about 250 x 230 x 122 mm
<i>Weight:</i>	4.7 kg



1. . . . On Switch
2. . . . Fuse: F2, time-lag, 2A - output
3. . . . DIN-socket for power output
  - Pin 1 . . . . . empty
  - Pin 2 . . . . . empty
  - Pin 3 . . . . . common ground
  - Pin 4 . . . . . power output 9 - 15 VDC
  - Pin 5 . . . . . empty
4. . . . Van for power supply
5. . . . LED (green) - Mains
6. . . . LED (green) - BB1 switched on
7. . . . LED (orange) - battery loading mode
8. . . . LED (red) - almost empty battery (<11,2 V)
9. . . . Fuse: F1, time-lag, 2 A - input
10. . . . Socket for mains (85 - 265 VAC)