
BC-4

BATTERY CHARGER



CONTACT US

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QUICK START GUIDE

SPECIFICATIONS

MAIN POWER SUPPLY UNIT

- AC input voltage 100 – 240VAC
- DC Output voltage 18V; 90W
- Output current (max load) 5.00A
- Output current (min load) 0.00A
- Short Circuit Protection Yes

CHARGER

- Input voltage 18V; 90W
- Max Bat input voltage 10.8V per bay
- Output (4 bays) SmartCharging for 10.8V 3400mAh
- Normal charge current 1.6 A
- Trickle charge current 160 - 0mA
- Maximum charge time ~3 Hours
- Over-temperature detection Yes
- Battery fault indicator Yes
- DC connection jack 6.4mm x 2mm C+ locking

GENERAL

- Operating temperature 10°C to 45°C (Bat)
-20°C–55°C (Charger)
- Operating humidity 0% to 90% RH
- Storage temperature -20°C – 55°C

LED BAY STATUS INDICATORS

- Solid Yellow Charging
- Solid Green 100% Full
- Red Fault

POWER SWITCH LED

- Green Power on
- Red System Fault

DIMENSIONS

- 19" Rack Mount 1U 19" x 1.72" x 5"
- Weight 2.5 pounds

QUICK START

POWERING UNIT

- 1) Connect power cable at the back of the charger unit.
- 2) Flip power switch to the on position ('I' is on, 'O' is off). All LEDs will cycle red – yellow – green as a part of the power on sequence.

If a battery pack is inserted during the charger power on sequence, the charger LEDs will still follow the red – yellow – green cycle and charging will begin as normal when the power on sequence is completed.

CHARGING BATTERY PACK

A non-rechargeable AA battery pack will cause a red LED fault condition. Use Radio Active Designs rechargeable battery packs (BP-L) ONLY.

- 1) Insert a battery pack into one of four charger slots.
- 2) The charger will detect the battery pack and begin charging after a few seconds. See LED Bay Status Indicators (left) for more information.

If the associated LED Bay Status Indicator does not turn on, the charger did not detect the battery pack.

NOTES

If a battery pack is inserted when the charger is powered off, the charger will not drain the battery – it is perfectly acceptable to do this.

Please check the Radio Active Designs support page online for PC Application and firmware updates.