

Convel BPS1000 Multi-range /Multi-cell Ni-Cd Battery Charger

The BPS1000 constant current nickel cadmium battery charger is designed for quick charging, overnight charging or float (trickle) charging of a single cell or up to a maximum of 7 cells in series – as in a battery pack.

Selection of current is based around the standard range of commonly available cell sizes. The charger output is protected against short circuits and reverse connections and will not discharge cells if left connected with the power off.



GENERAL SPECIFICATIONS

| | |
|---------------------------------|--|
| Input Voltage Range | Nominal 240VAC @ 50 to 60Hz |
| Output Current Ranges | Off 10mA 60mA 120mA 240mA 480mA |
| Output Current Tolerance | ±10% |
| Ambient Temp Range | 0°C to 35°C |
| Storage Temp Range | -10°C to 80°C |
| Weight | 1.0kg |

CHARGING NICKEL CADMIUM CELLS

| Cell Type | Nominal Capacity |
|-----------|------------------|
| PP3 | 110 mAh |
| N | 150mAh |
| AAA | 180mAh |
| 1/2 AA | 240mAh |
| AA | 500mA |
| 1/2 A | 450mAh |
| PP9 | 1.2Ah |
| RR | 1.4Ah |
| C (HP11) | 2.0Ah |
| D (HP2) | 4.0Ah |
| F | 7.0Ah |

Note: Capacities may vary slightly from manufacturer to manufacturer.

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