

Rapid Battery Charger

Quick Start Guide

5480DRBC

The 5480DRBC is an intelligent Li-Ion battery charger for use with the range of Clipsal Digilant Standalone surveillance cameras.

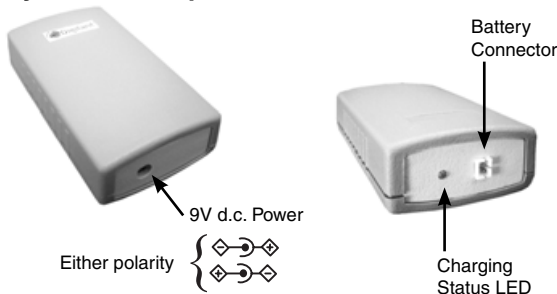
It is designed to charge either the backup battery pack (5480DBP1) or the high capacity battery pack (5480DBP2).

Features

- Intelligent charging with charger status LED display.
- Integrated 4 phase cell conditioning for deeply discharged batteries.
- Compact, lightweight and portable.

WARNING: This charger must only be used with the recommended Clipsal Digilant Li-Ion batteries. Attempting to charge any other type of battery may result in the battery exploding or being permanently damaged.

System Description



Charging Instructions

1. Connect 9V d.c. power to the battery charger.
2. Connect the battery to the charger at the battery connector. Do not force the connector on the wrong way as the battery may be damaged.
3. The charging status LED will turn red. This indicates that the battery is charging.
4. When the charging status LED turns green, the battery is charged.
5. Disconnect the battery when fully charged, and remove power from charger.

Specifications

Charging Time for 5480DBP1 (0.6 Ah BU Battery pack)	Approximately 2 hours
Charging Time for 5480DBP2 (3 Ah HC Battery pack)	Approximately 10 hours
Maximum Charging Current	400 mA
External Power Supply	9V d.c. 1A Regulated (Plug tip polarity + or -)
Case Dimensions	90 x 50 x 25 mm
Weight	44g
Operating Temperature	0°C to 40°C

CAUTION: Lithium-Ion cells and battery packs may get hot, explode or ignite and cause serious injury if exposed to abusive conditions. Be sure to follow the safety warnings listed below.

- do not install the battery backwards so the polarity is reversed
- do not connect the positive terminal and negative terminal of the battery to each other with any metal object (such as wire)
- do not place the battery in a fire or heat the battery
- do not pierce the battery with nails, strike the battery with a hammer, step on the battery or otherwise subject it to strong impacts or shocks
- do not solder directly onto the battery
- do not expose battery to water or salt water, or allow the battery to get wet
- in the event the battery leaks and the fluid gets into an eye, do not rub the eye. Rinse well with water and immediately seek medical care. If left untreated, the battery fluid could cause damage to the eye.

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A Division of Clipsal Australia Pty Ltd

ABN 27 007 873 529

Head Office

12 Park Terrace, Bowden, South Australia 5007

PO Box 103, Hindmarsh, South Australia 5007

Telephone (08) 8345 9500

International +61 8 8345 9500

Facsimile (08) 8346 0845

International +61 8 8346 0845

Internet clipsal.com/cis

E-Mail cis@clipsal.com.au

Technical Support Hotline

1300 722 247

clipsal.com

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