

**RF-5853
SERIES
LITHIUM ION BATTERY
CHARGER FOR
HANDHELD BATTERIES**

AC input voltage:

90 to 250 VAC

47 to 63 Hz.

The RF-5853 Lithium Ion Battery charger is used to charge the standard capacity (12011-1200) and high capacity (12041-2100) lithium ion handheld battery packs.

The unit is available in three configurations: a single-bay unit (RF-5853-01); a dual-bay unit (RF-5853-02); and a six-bay unit (RF-5853-06).

The chargers feature integrated battery conditioning, and LED display that indicates the battery status, and the ability to recover a battery that has been over-discharged.



General

**Typical Charge Times
Standard-Capacity Battery
(12011-2100)**

RF-5853-01: 3.0 hours
RF-5853-02: 3.0 hours
RF-5853-06: 4.5 hours

**High-Capacity Battery
(12041-2100)**

RF-5853-01: 4.5 hours
RF-5853-02: 4.5 hours
RF-5853-06: 6.2 hours

Charger Cradle Indicator Light

Solid Yellow
Flashing Yellow
Solid Green
Solid Red
Flashing Red

Charge
Condition
Ready
Fault
Temperature hold

Electrical

**Current Draw
AC Input Voltage**

Maximum charge and discharge current is 6 amps per charger bay
90 to 250VAC
47 to 63Hz

Power Supply

US and European power cords provided
UL 94-V-0 flammability rated

Environmental

Temperature

Operating 0°C to +40°C (32°F to +104°F)
Storage: -40°C to + 70°C (-40°F to +158°F)

Cooling

Convection

Mechanical

Size

RF-5853-01 9.5W x 4.0D x 2.4H (in.)
(24.2W x 10.2D x 6.2H (cm))
RF-5853-02 9.5W x 6.5D x 2.4H (in.)
(24.2W x 16.5D x 6.2H (cm))
RF-5853-06 9.5W x 17.5D x 4.6H (in.)
(24.2W x 44.5D x 11.8H (cm))

Weight

RF-5853-01 4.9 lbs (01.4 kg)
RF-5853-02 1.6 lbs (0.7 kg)
RF-5853-06 7.2 lbs (3.3kg)

Finish

Black ABS material with EDM finish

Specifications are subject to change without notice.