HARRIS®

assuredcommunications™

RF-5853 SERIES

LITHIUM ION BATTERY CHARGER FOR HANDHELD BATTERIES

AC input voltage:

90 to 250 VAC

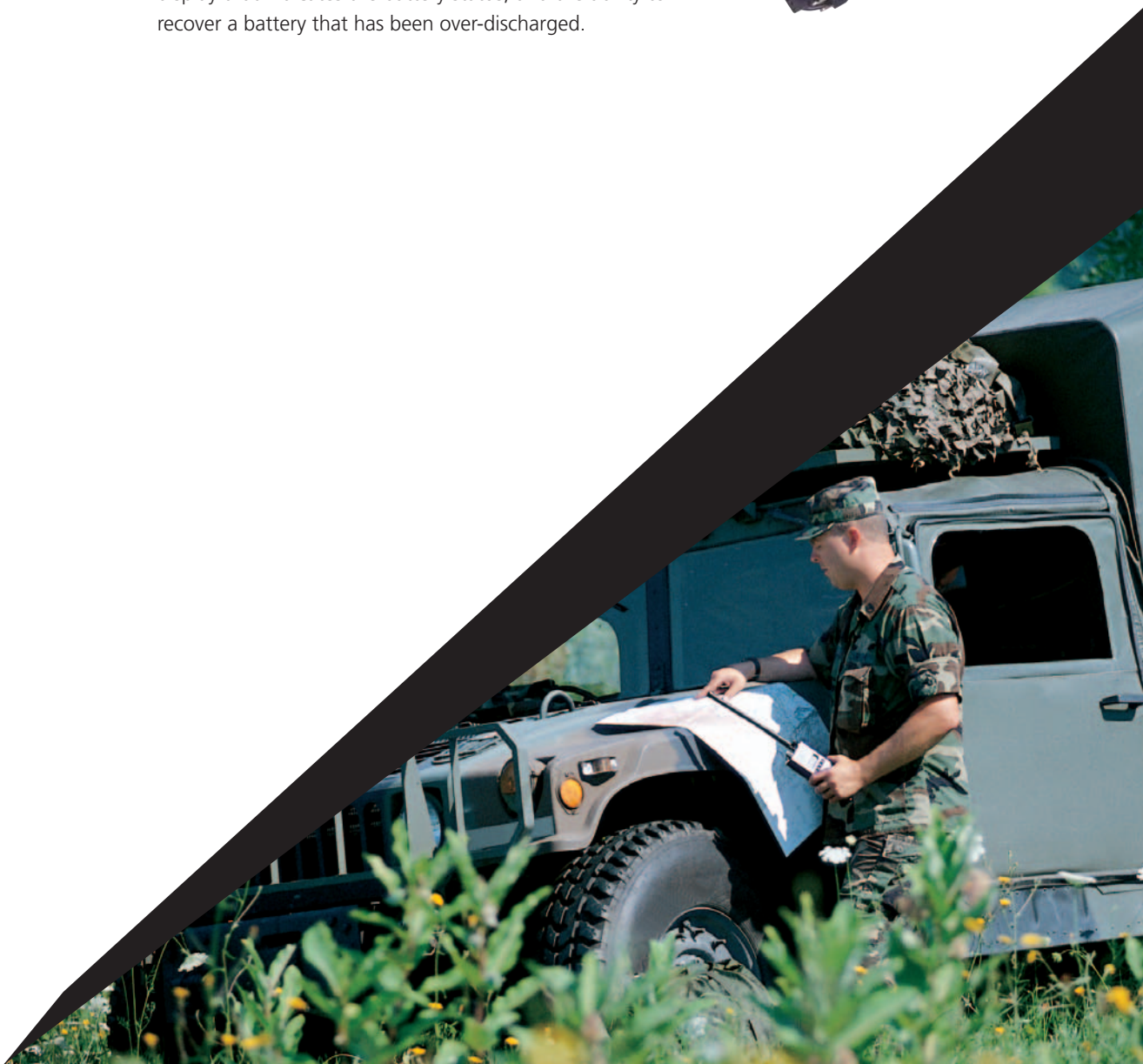
47 to 63 Hz.



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	Charge
Flashing Yellow	Condition
Solid Green	Ready
Solid Red	Fault
Flashing Red	Temperature hold

Electrical

Current Draw	Maximum charge and discharge current is 6 amps per charger bay
AC Input Voltage	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.

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RF Communications Division | 1680 University Avenue | Rochester, NY USA 14610
www.harris.com 1-585-244-5830

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