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RF-5902-CH208

Advanced Battery Charger

GENERAL	
RT Nomenclature	RF-5902-CH208
Compatibility	12041-2400-0X 12500-2500-0 RF-2525/U BB-2590 12055-2105-0X
Input Voltage	90–264 VAC, 11–22 VDC, 11–36 VDC (solar)
Input Power	1000W (AC), 46 A max (DC), 1000W max (solar)

PHYSICAL	
Dimensions	20 H x 13.1 W x 6.3 D in (50.8 H x 3.33 W x 16 D cm)
Weight	22.0 lbs (9.98 kg)
Color/Finish	Black base, tan cover

ENVIRONMENTAL	
Shock and Vibration	MIL-STD-810G
Immersion	IP67 (1 m for 30 minutes)
Temperature	MIL-STD-810G Operating: -25°F to 131°F (-31°C to 55°C) Storage: -40°F to 160°F (-40°C to 71°C)
Sand/Dust/Salt Fog/Rain	MIL-STD-810G
Humidity	MIL-STD-810G
Vehicle Power	MIL-STD-1275
Electrical Equipment	MIL-STD-454

INTERFACES	
Display	Full-color 4.3" LCD Display
DC Output	USB Type-A (qty 4), USB Type-C (qty 1)

See Product Catalog for Accessories



The RF-5902-CH208 draws on field-proven technologies to quickly charge 8 BB-2590/U batteries, 16 handheld batteries (12041-2X00-0X/12500-2X00-0X), or 16 conformal batteries (RF-2525/U) from 0% to full in less than 3.5 hours. The Advanced Battery Charger features a 1000 W/300 W user-selectable power input control with flexible choices of AC (90-264 Vac), DC (11-22 Vdc, 46 A), or solar with Maximum Power Point Tracking of 11-36 Vdc. Eight independent charging channels support use of a legacy Soldier Portable Charger or new ABC adapters. The RF-5902-CH208 has a full-color 4.3-inch LCD display and gloved-hand, night vision compatible menu navigation. The unit's firmware can be upgraded using five available USB ports.

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