



RCP FLEXbay Smart Charger

RCP P/N : RCS1UX, RCM series Chargers
Radio : Various LMR radio/batteries
US Patent Pending SN:62/310:862

FLEXbay Charger Advantages

The Richcom Power FLEXbay Universal Smart Charging System is an affordable, expandable rugged modular design that enables the user to configure and charge multiple LMR radio batteries within the same flexible system.

- ### Features
- Upgradable and reusable rugged design
 - Charges 3.7VDC to 12VDC
 - Smallest footprint in class
 - Mix & Match - Charges different battery voltages & models in same base unit.
 - Expandable - Single bay build out up to Six bays
 - Automatically detects battery model and chemistry using I²C in the polarized adapter cups
 - Safe efficient charging, short detection, temperature monitoring with current limiting



Electrical Specifications

Multi chemistry: Li-Ion, Li-Poly, Ni/MH and Ni/Cd
Charging Rate: 1Amp
Power Supply: External Switching with UL
Input: 110-240 VAC <2.5 Amp at 50/60 Hz

Richcom Power Quality Promise

Richcom warranties the charger and adapters to be free of defects related to materials and workmanship for 24 months.

Environmental Characteristics

Operating temperature: Li chemistry 0°C~45°C
Ni chemistry 0°C~55°C
Storage temperature: -30°C~85°C @ 85-95% Rh

About Richcom Power

Richcom Power LLC ("RCP") is headquartered in the USA with manufacturing facilities in USA, Taiwan and Shenzhen. We service an international client base using state of the art production techniques and are ISO 9001 certified.

Charger Dimensions

	Single Bay (Primary) RCS1UX	Secondary Bay (s) RCM0UX
Length:	3.9 in. (100mm)	3.9 in. (101mm)
Width:	3.9 in. (101mm)	2.8 in. (72mm)
Height:	2.95 in. (74mm)	2.9 in. (74mm)
Weight:	~0.73 Lbs (330g)	~0.56 Lbs (250g)
Six bay:	~18.5 inches @ 3.5 Lbs	

Richcom Power commitment is to customer satisfaction. We believe our expertise and our company culture are key elements to our quality story.

Richcom Power has over 40 years experience in design, development and manufacturing rechargeable batteries and chargers for the mobile power industry.

Richcom Power LLC

1 Tara Boulevard, Suite 200, Nashua, NH 03062, USA
+1-603-324-7152 ■ sales@richcompower.com



RCP P/N : RCS1UX, RCM Series Chargers

FLEXbay Charger Configurations

- RCS1UX = is a Primary Smart Charger with Single bay power supply for Stand alone charger operations
- RCM0UX = is a Secondary Smart charger with no power supply for adding bays
- RCM1UX = is a Primary Smart Charger with multi-bay power supply for field assembly of multiple bay chargers
- RCM2UX = is a 2 bay Smart Charger with multi-bay power supply for multiple bay chargers operations
- RCM3UX = is a 3 bay Smart Charger with multi-bay power supply for multiple bay chargers operations
- RCM4UX = is a 4 bay Smart Charger with multi-bay power supply for multiple bay chargers operations
- RCM5UX = is a 5 bay Smart Charger with multi-bay power supply for multiple bay chargers operations
- RCM6UX = is a 6 bay Smart Charger with multi-bay power supply for multiple bay chargers operations

Dimensions and Weight of Multi-Bay Charging System

- RCS2UX (2Bay) = 6.7" x 3.9" x 2.9" (172 x 100 x 74mm) / 1.28 Lbs (580g)
- RCS3UX (3Bay) = 9.6" x 3.9" x 2.9" (244 x 100 x 74mm) / 1.84 Lbs (830g)
- RCS4UX (4Bay) = 12.4" x 3.9" x 2.9" (316 x 100 x 74mm) / 2.39 Lbs (1080g)
- RCS5UX (5Bay) = 15.3" x 3.9" x 2.9" (388 x 100 x 74mm) / 2.94 Lbs (1334g)
- RCS6UX (5Bay) = 18.1" x 3.9" x 2.9" (460 x 100 x 74mm) / 3.49 Lbs (1580g)

Adapter Cup Legend – Custom Adapters Available*

Radio Model	RCP adapter PN	Radio Model	RCP adapter PN
Motorola XTS 3000/5000	RAD M5X	Harris P7300 series	RAD HNPA9
Motorola XTS 2500	RAD M25X	Harris P7100 series	RAD HP71X
Motorola Trbo 6000 Series	RAD M65X	Kenwood NX210/410	
Motorola Trbo 7000 Series	RAD M75	TK3110/5210/5410	RAD K33X
Motorola APX	RAD MAPX	Kenwood NX200/300	
		TK 5220/5320	RAD K33X

*Contact your local Richcom Power representative or check the complete listing at www.Richcompower.com



Richcom Power LLC

1 Tara Boulevard, Suite 200, Nashua, NH 03062, USA
 +1-603-324-7152 ■ sales@richcompower.com