

**RCP P/N:** RCS1UX, RCM series Chargers  
**Radio:** Various LMR radio/batteries  
 US Patent Pending

## Features

- Upgradable and reusable rugged design
- Reduces Cost increasing ROI
- Flexibility- Charges different battery models in same base unit by simply changing the polarized adapter cup.
- Expandable - Single bay expands One bay up to Six bays
- Automatically detects battery model and chemistry using I<sup>2</sup>C in the polarized adapter cups
- Safe efficient charging, charger identifies polarity, short detection, temperature with current limiting abilities

## Electrical Specifications

Multi chemistry: Li-Ion, Li-Poly, and Ni/MH  
 Charging Rate: 1Amp  
 Power Supply: External Switching with UL  
 Input: 110-240 VAC <2.5 Amp at 50/60 Hz  
 Output: 12VDC (For expendable system)  
 10.5VDC (For Single bay only)

## Environmental Characteristics

Operating temperature: Li chemistry 0°C~45°C  
 Ni chemistry 0°C~55°C  
 Storage temperature: -30°C~70°C @ 85-95% Rh

## Charger Dimensions

	Single Bay (Primary) RCS1UX	Secondary Bay (s) RCM-UX
Length:	3.9 in. (100mm)	3.9 in. (100mm)
Width:	3.29 in. (83.5mm)	3.29 in. (83.5mm)
Height:	2.93 in. (74.5mm)	2.93 in. (74.5mm)
Weight:	~0.65 Lbs	~0.65 Lbs
Six bay:	~23 inches @ 3.9 Lbs	

## 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.



## Richcom Power Quality Promise

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

## 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.

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.

## FLEXbay Charger Configurations

RCS1UX = is a Single bay Charger with 10.5 volt power supply for Stand alone single bay charger operations

RCM2UX = is a 2 bay Charger with 12 volt power supply for multiple bay chargers operations

RCM3UX = is a 3 bay Charger with 12 volt power supply for multiple bay chargers operations

RCM4UX = is a 4 bay Charger with 12 volt power supply for multiple bay chargers operations

RCM5UX = is a 5 bay Charger with 12 volt power supply for multiple bay chargers operations

RCM6UX = is a 6 bay Charger with 12 volt power supply for multiple bay chargers operations

## Adapter Cup Legend – Custom Adapters Available\*

Radio Model	RCP adapter PN	Radio Model	RCP adapter PN
Kenwood NX-3000 series	57	Kenwood NX210/ 410 series	L2/33
Kenwood NX5000 series	L2/33	Kenwood TK3x10 series	L2/33
EFJ VP5000/VP6000 series	L2/33	Kenwood TK5X10 series	L2/33
Harris XL200	XL2	Kenwood TH-D74 series	57

\*Contact your local Richcom Power representative or check the complete listing at [www.Richcompower.com](http://www.Richcompower.com)

## FLEXbay Charger Ordering

State model number with number of bays and adapter requirements as in the following example:

Charger Requirements	Ordering PN
Dual bay charger with RKNB57-LiP adapter	RCM2UX-57
4 bay charger with RKNBL2-LiP adapter	RCM4UX-L2/33

## Expandability Modular Design

