



## Powerful Solutions Partner

Micropower Group is a complete system supplier of industrial Lithium-Ion batteries, battery chargers and power supplies. With own production and R&D, we take responsibility for the whole chain where we develop, design and manufacture and supply battery and battery charging products and systems to customers and distributors worldwide.

Micropower Group AB  
Gullhallavägen 20C  
SE-352 50 Växjö, Sweden

Phone: +46 (0)470 727 400  
sales@micropower.se  
www.micropower-group.com

BATTERY CHARGER

# MICROPOWER RC

HIGH-EFFICIENCY AND COMPACT ONBOARD CHARGER

**MICROPOWER GROUP**<sup>TM</sup>  
POWERFUL SOLUTIONS PARTNER



# MICROPOWER RC

## HIGH-EFFICIENCY AND COMPACT ONBOARD CHARGER

A high-efficiency, compact, and robust onboard battery charger designed for demanding industrial applications. With the highest efficiency rate and most compact design on the market, it offers a powerful and sustainable charging solution, optimized for both Lead-Acid and Lithium-Ion batteries with CAN bus communication.

Micropower RC is a compact 1-phase battery charger designed for onboard charging of both traditional and Lithium-Ion batteries. With power ratings from 720W to 1040W, the charger series features a wide input range for global compatibility and offers secondary voltage options of 24V, 36V, and 48V. It employs constant current charging throughout the bulk phase, ensuring efficient energy delivery and predictable charging times.

The charger features simple and fast installation with easy to connect cables, patented connector for AC, Molex 12-pin connector for interface and DC-cable poka-yoke.



### Micropower RC chargers

- High efficiency: digital controlled power conversion with efficiency up to 97%
- Compact and robust design: low volume and weight, fan-less design, IP67 for dust and water protection
- Optimized for seamless integration featuring CAN communication for advanced configuration, control, and diagnostics (for Lithium-Ion batteries)



Compact and robust design  
Lightweight with IP67



High power factor  
Power factor 99%



Low stand-by power  
Stand-by power <3W



High efficiency  
Efficiency rate <97%



Maximum flexibility  
Wide input ratings



Simple and fast installation  
Easy to install accessories

Micropower RC					
Model	DC Output Voltage	AC Voltage - 230V/240VAC		AC Voltage - 120VAC	
		Output Current	Output Power	Output Current	Output Power
RC7	12V	50A	720W	50A	720W
	24V	25A	720W	25A	720W
	36V	16A	720W	16A	720W
	48V	12A	720W	12A	720W
RC9	24V	30A	900W	25A	720W
RC10	36V	23A	1000W	18A	800W
	48V	18A	1040W	14A	800W