



BATTERY CHARGER

MICROPOWER RO66

COMPACT ONBOARD CHARGING SOLUTION
WITH HIGH EFFICIENCY

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.

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POWERFUL SOLUTIONS PARTNER

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The RO66 is a new 3-phase compact onboard charger, built upon 25 years of engineering expertise and application experience in onboard charging solutions. It is a unique 6.6 kW onboard charger for low-voltage batteries. The charger is compatible with both Lead-Acid and Lithium-Ion batteries, featuring CAN-bus communication and delivering a high efficiency of 96%. With an IP66 rating, it is built to withstand demanding applications and harsh environments.

The RO66 is a compact and lightweight 3-phase charger, optimized for onboard charging of both conventional and Lithium-Ion battery systems. It offers a power output of 6600 W, a wide input voltage range of 3x380–480 VAC, and supports secondary voltage options of 48V, 80V and 96V. Its compact design enhances installation flexibility, while its low weight in relation to power output (kg/kW) and high efficiency contribute to a more sustainable charging solution.

The RO66 is developed and manufactured in Micropower’s own facilities, ensuring the highest standards in quality and production.



Micropower RO66

Supply Voltage					
3-Phase 380–480V			560VDC		
Model	DC Voltage	Current	Power	Current	Power
RO66	48V	115A	6600W		
	80V	60A	6600W		
	96V	60A	6600W		
	48V			60A	3500W



Compact and robust design
IP66



High power factor
Power factor 90%



Low stand-by power
Stand-by power <10W



High efficiency
Efficiency rate 96%



Micropower user-interface
Well-known and industry preferred interface



Air cooling
No liquid cooling needed