



BATTERY CHARGER

# MICROPOWER ST

HIGH EFFICIENCY CHARGER WITH USER-FRIENDLY INTERFACE

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

# MICROPOWER ST

HIGH EFFICIENCY CHARGER WITH USER-FRIENDLY INTERFACE

Micropower ST features the well known user interface from Micropower that is designed with the operator in mind. Simple installation and quick configuration enable electrical operation to be up and running in no time. The charger series features high efficiency and a compact and robust housing, reducing costs and CO<sub>2</sub> emissions.

The series consist of 3-phase chargers with capacities up to 9kW and work as an offboard charger. They are available for 400-480VAC up to 16A, with secondary voltage from 24V up to 80V. Model program is optimized for Lead-acid and Lithium-ion batteries with CAN-bus communication. All models are UL approved.

Micropower ST has pre-mounted wall bracket and feet as standard, meaning that no additional accessories are required for installation. Cable holder is integrated and can be pulled out or removed if needed. Configuration is made easily with GET app throughout the charger fleet. With Micropower ST, you get minimal installation and configuration down-time and total cost.



-  **High efficiency**  
Efficiency rate >96%
-  **Maximum flexibility**  
Multiple charging algorithms
-  **Simple & fast installation**  
Pre-mounted accessories
-  **Low stand-by power**  
Stand-by power <5W
-  **Optimized air flow**  
Rugged cooling concept
-  **High power factor**  
Power factor >0.99



## Micropower ST chargers

- Maximum flexibility with multiple charging algorithms
- Embedded software functionality for Dynamic Power Limitation and Best Battery Choice
- Compatible with GET fleet management system
- Nominal voltage can be lowered (min. 6V)
- Optimized air flow and coating
- Low stand-by power <5W
- Full range of accessories (e.g., air pump, BMU, aqumatic)

## Micropower ST

	Primary Voltage	Secondary Voltage	Current	Power	Ingress Protection
Micropower ST17	3x480V	24V	60A	1,7kW	IP21
Micropower ST40*	3x480V	24V	130A	4kW	IP21
Micropower ST60*	3x480V	24V	200A	6kW	IP21
Micropower ST50	3x480V	36V	105A	5kW	IP21
Micropower ST70	3x480V	36V	170A	7kW	IP21
Micropower ST50*	3x480V	48V	80A	5kW	IP21
Micropower ST70*	3x480V	48V	130A	7kW	IP21
Micropower ST90*	3x480V	80V	90A	9kW	IP21

*\*Available for Lithium-Ion batteries with CAN-bus communication  
More information about Micropower ST at [micropower-group.com](http://micropower-group.com)*