BATTERY CHARGER

MICROPOWER SL

MODULAR & FULLY CONNECTED

Powerful Solutions Partner

Micropower Group is a complete system supplier of industrial lithium-ion batteries, battery chargers, and power supplies. With its own R&D and production facilities, Micropower takes responsibility for the entire value chain, designing, manufacturing, and supplying battery and charging systems to customers and distributors worldwide.

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MICROPOWER GROUP™
POWERFUL SOLUTIONS PARTNER

MICROPOWER SL

MODULAR CHARGER WITH FULL CONNECTIVITY

Micropower SL is a highly efficient, modular battery charger, consisting of up to four power units. The charger is fully compatible with smart software functionality and is easily connected via radio or Near Field Communication.

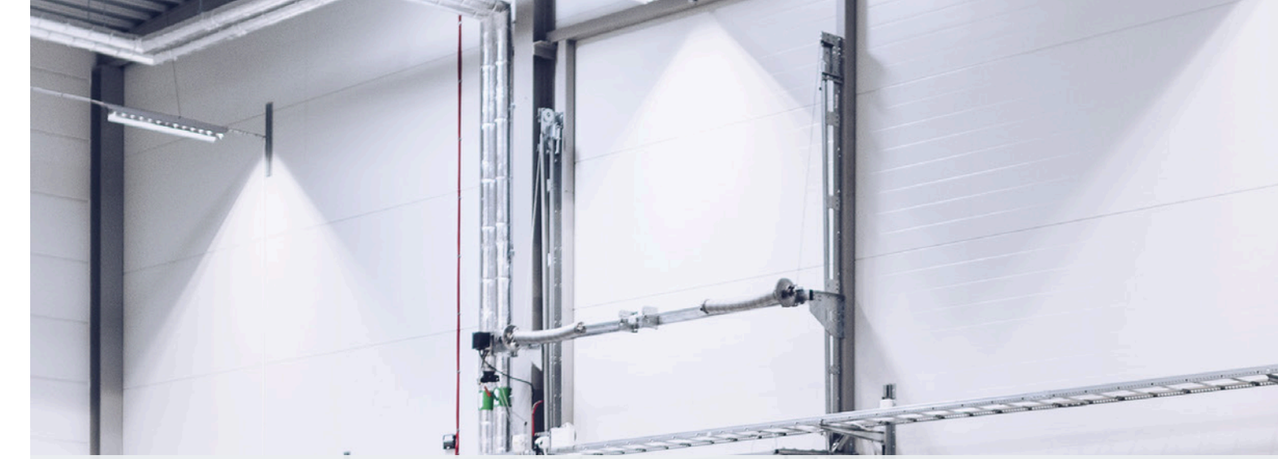
Micropower SL features a new, intuitive user interface. The charger is equipped with an LED panel on the front, alongside a color display providing access to advanced information and settings. Micropower SL is easy to install and can be quickly configured via the display or GET app, reducing downtime and minimizing costs.

The charger switches power units on or off as needed, maximizing efficiency and performance. With a focus on maximizing service life, cyclical rotation of the units ensures even usage, extending their lifespan to 30,000 hours, equivalent to at least 10 years of service. Even in the event of a unit failure, the charger maintains between 50-75% charging power, ensuring high availability at all times.

The series consists of 3-phase chargers with capacities up to 52kW and operates as stand-alone units with IP21. They are available for 480V, with DC output voltages ranging from 24V to 120V. The model program is optimized for lead-acid and lithium-ion batteries with CAN-bus communication, with 96V available in the lithium-ion version only. All models are UL and cUL Listed.

Micropower SL chargers

- Color display with USB interface
- Designed for easy and fast service
- Redundant power units
- Full range of accessories, e.g. BMU (Battery Monitoring Unit), air pump, and Aquamatic
- Compatible with GET Fleet Management, Dynamic Power Limitation, Best Battery Choice
- Software updates via USB port
- Configuration and data analysis via GET app
- Multiple charging algorithms



High efficiency
Efficiency up to 95%

Maximum flexibility
Multiple charging algorithms

Modular concept
Maximized service life, availability and efficiency

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

Optimized air flow
Rugged cooling concept

High power factor
Power factor 0.95

TECHNICAL DATA

MICROPOWER SL PB 3X480V

	Primary Voltage	DC Volts	Max Current	Power	Amp Draw	Case	Output Cable
Micropower SL90	3x480	24V	200A	9kW	12A	C	Single
Micropower SL120	3x480	24V	260A	12kW	16A	C	Single
Micropower SL150	3x480	24V	350A	15kW	21A	C	Single
Micropower SL170	3x480	24V	400A	17kW	24A	C	Single/Dual
Micropower SL260	3x480	24V	600A	26kW	35A	D	Dual
Micropower SL350	3x480	24V	800A	35kW	48A	D	Dual
Micropower SL90	3x480	36V	200A	9kW	12A	C	Single
Micropower SL120	3x480	36V	260A	12kW	16A	C	Single
Micropower SL150	3x480	36V	350A	15kW	21A	C	Single
Micropower SL170	3x480	36V	400A	17kW	24A	C	Single/Dual
Micropower SL260	3x480	36V	600A	26kW	35A	D	Dual
Micropower SL350	3x480	36V	800A	35kW	48A	D	Dual
Micropower SL100	3x480	48V	165A	10kW	13A	C	Single
Micropower SL110	3x480	48V	190A	11kW	16A	C	Single
Micropower SL130	3x480	48V	220A	13kW	17A	C	Single
Micropower SL150	3x480	48V	260A	15kW	20A	C	Single
Micropower SL170	3x480	48V	300A	17kW	24A	C	Single
Micropower SL190	3x480	48V	330A	19kW	26A	C	Single
Micropower SL230	3x480	48V	400A	23kW	31A	D	Single/Dual
Micropower SL290	3x480	48V	495A	29kW	39A	D	Dual
Micropower SL350	3x480	48V	610A	35kW	47A	D	Dual
Micropower SL380	3x480	48V	660A	38kW	52A	D	Dual
Micropower SL110	3x480	80V	100A	11kW	13A	C	Single
Micropower SL120	3x480	80V	130A	12kW	17A	C	Single
Micropower SL170	3x480	80V	180A	17kW	24A	C	Single
Micropower SL230	3x480	80V	230A	23kW	30A	C	Single
Micropower SL250	3x480	80V	260A	25kW	34A	C	Single
Micropower SL320	3x480	80V	330A	32kW	43A	D	Single
Micropower SL370	3x480	80V	390A	37kW	50A	D	Single/Dual
Micropower SL450	3x480	80V	470A	45kW	61A	D	Dual
Micropower SL500	3x480	80V	520A	50kW	66A	D	Dual
Micropower SL130	3x480	120V	90A	13kW	18A	C	Single
Micropower SL180	3x480	120V	125A	18kW	24A	C	Single
Micropower SL260	3x480	120V	180A	26kW	35A	C	Single
Micropower SL390	3x480	120V	270A	39kW	52A	D	Single
Micropower SL450	3x480	120V	310A	45kW	60A	D	Single/Dual
Micropower SL520	3x480	120V	360A	52kW	69A	D	Single/Dual

CASE DIMENSIONS

Case	Dimensions
C	16.3"H × 21.0"W × 20.5"D
D	27.5"H × 21.0"W × 20.5"D

TECHNICAL DATA

MICROPOWER SL LI 3X480V

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Micropower SL120	3x480	24V	260A	12kW	16A	C	Single
Micropower SL150	3x480	24V	350A	15kW	21A	C	Single
Micropower SL170	3x480	24V	400A	17kW	24A	C	Single/Dual
Micropower SL260	3x480	24V	600A	26kW	35A	D	Dual
Micropower SL350	3x480	24V	800A	35kW	48A	D	Dual
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Micropower SL120	3x480	36V	260A	12kW	16A	C	Single
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Micropower SL180	3x480	96V	160A	18kW	25A	C	Single
Micropower SL250	3x480	96V	220A	25kW	34A	C	Single
Micropower SL340	3x480	96V	300A	34kW	46A	D	Single
Micropower SL380	3x480	96V	330A	38kW	51A	D	Single
Micropower SL450	3x480	96V	390A	45kW	60A	D	Single/Dual
Micropower SL510	3x480	96V	440A	51kW	68A	D	Dual
Micropower SL130	3x480	120V	90A	13kW	18A	C	Single
Micropower SL180	3x480	120V	125A	18kW	24A	C	Single
Micropower SL260	3x480	120V	180A	26kW	35A	C	Single
Micropower SL390	3x480	120V	270A	39kW	52A	D	Single
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