

## 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 responsibilities for the whole chain where we develop, design, manufacture and supply battery and battery charging products and systems to customers and distributors worldwide.



SHARP BATTERY CHARGER

## VERSATILE & EFFICIENT BATTERY CHARGING



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

**SHARP**  
MICROPOWER GROUP



# SHARP HIGH FREQUENCY CHARGER FAMILY

Easy-to-use, energy-efficient, trouble-free

**SHARP 10**  
MICROPOWER GROUP



**SHARP 11**  
MICROPOWER GROUP



**SHARP 20**  
MICROPOWER GROUP



**SHARP 30**  
MICROPOWER GROUP



**SHARP 50**  
MICROPOWER GROUP



**SHARP 80**  
MICROPOWER GROUP



**SHARP 100**  
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## SHARP chargers

- High frequency technology
- Equipped with 1 to 3 charging curves, depending on model
- High efficiency design
- Factory set or quick step-button set after installation
- Most models are available for various mains voltages
- Compatible with the GET system

\* IP54 on data plate requires fixed primary cable.

## Which SHARP charger size do you need?

Check out charger guide on our website. You will need mains voltage, battery voltage, battery capacity in Ah, type of battery, and available charging time.

## PRODUCT PRIMARY VOLTAGE VAC

	1x110-230	1x200-240	3x200-240	3x380-415	3x440	3x480
<b>SHARP 10</b>	12V/7A 24V/4A	12V/10-17A 24V/8-11A	-	-	-	-
<b>SHARP 11</b>	-	24V/40A	-	-	-	-
<b>SHARP 20</b>	-	12V/20-60A 24V/20-60A 36V/20-40A 48V/15-30A	-	-	-	-
<b>SHARP 30</b>	-	24V/40-100A 36V/22-53A 48V/20-60A	-	-	-	-
<b>SHARP 50</b>	-	-	24V/80-130A 36V/60-105A 48V/60-80A	24V/80-130A 36V/60-105A 48V/60-80A	24V/80-130A 36V/60-105A 48V/60-80A	24V/80-130A 36V/60-100A 48V/60-80A
<b>SHARP 80</b>	-	-	-	-	36V/130A 48V/100-130A 80V/60-80A	36V/130A 48V/100-130A 80V/60-80A
<b>SHARP 100</b>	-	-	24V/150-170A 36V/130-170A 48V/100-130A 80V/60-80A	24V/150-200A 36V/130-150A 48V/100-165A 80V/40-100A	24V/150A 36V/130-150A 48V/100-165A 80V/60-100A	24V/170A 36V/150-170A 48V/100-165A 80V/80-100A

## Micropower Support Center

Visit our document portal where we have gathered user manuals, data sheets, drawings, STEP-files, charging tables and more:  
[docs.micropower-group.com](https://docs.micropower-group.com)