

MACH 10

High Frequency Battery Charger 10KW



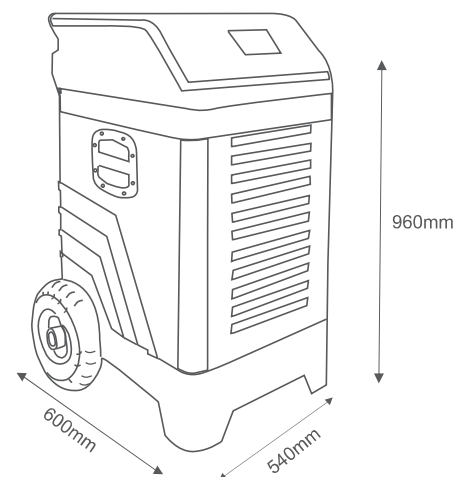
Robust and powerful fast charger, ideal for harsh environment conditions.



Compliant to global standards and regulations



Designed for easy handling and transportation on the worksite



TECHNICAL DATA

DESCRIPTION	VALUE AND/OR RANGE
Supply Voltage 1-ph and 3-ph	100-240 [1-ph] ; 200-240 [3-ph], 400 [3-ph + N] Vac
Frequency	50 ~ 60 Hz
Absorbed Max. Current 1-ph and 3-ph	48A [1-ph]; 27,7 A [3-ph], 16A [3-ph + N]
Inrush Current	< 9A
Power Factor	0.98
Absorbed Maximum Power	9.9 KW

GENERAL	
Operating temperature range	-20°C/+50°C (-4°F/+122°F)
Maximum relative humidity	95%
Efficiency	Up to 93%
Maximum size	960 x 540 x 600 mm
Weight	66kg
Enclosure class	IP55

VOLTAGE		
36V	120A	Charger can go upto 150A but connector max. current limitation is 120A
48V	120A	
72V	120A	
96V	90A	

KEY CHARACTERSTICS

- LCD Display provides real-time information on current, voltage, percentage of charge, and fault conditions.
- Bluetooth / Wi-Fi Optional
- Customise as per user CAN protocol
- OVP / UVP / OCP / OTP & Reverse Battery Protection
- IP55 Protection (for harsh environment)
- Modular Approach
- Type 6 Output Connector
- EMI / EMC – CISPR25
- Surge 4KV

