

Technical Specifications

EcoCharge			
Charger Cabinet	E03	E04	E06
Input Voltage Range (three phase, phase to phase)	200 to 240VAC 380 to 480VAC 480 to 600VAC		380 to 480VAC 480 to 600VAC
Dimensions (WxHxD)	315W x 300H x 363D mm		315W x 520H x 363D mm
Weight	17kgwith three modules		32.6kgwith six modules
Number of Modules Supported	One to three modules		One to six modules
Battery Voltages and Maximum Output Current	300A at 24, 36V 255A at 48V 150A at 72, 80V 127.5A at 96V	400A at 24, 36, 48V 300A at 72, 80V 255A at 96V	600A at 24, 36V 510A at 48V 300A at 72, 80V 255A at 96V
Marks of Conformity	CE, RoHS, RED, RCM		
Standard Interfaces	Wi-Fi, Ethernet, USB		
Optional Features	CAN bus interface, GPIO interface, tower light, remote control		

*Maximum battery voltage is 11V, application specific, contact Enatel representation for further information.

Optional Accessories

Universal Mounting Bracket

Mount the charger on a wall in two different directions, or fix it to a floor mount or rack.



Battery Monitoring Module (BMM)

Record everything from Ah throughput to charge time with the BMM's data logging you more visibility over your fleet. Pre-set battery parameters so the EcoCharge automatically configures to correctly charge the battery.



Tower Light

Empower your team, visually communicate the chargers' status with optional Andon Light towers.



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Energy Efficiency

The EcoCharge has an industry leading peak efficiency of 97.6%. The high efficiency power modules deliver a massive 100A each, with the capacity for up to 6 modules. The 6 module charger can deliver up to 600A and the 3 module charger can deliver up to 300A.

- The superior efficiency allows the chargers to be exceptionally compact and power dense
- Ready for use with Automated Demand Response energy management systems

Connectivity

Connect to the EcoCharge using USB, Wi-Fi or Ethernet, allowing remote connection to configure or collect data offsite at any time.

- Compatible with the existing BMM battery module, connect a charger to the existing BMM battery module via power-line communication (PLC) or Bluetooth®
- No proprietary software required, use any device with a web browser to configure a charger
- An optional CAN bus port, allowing a CAN equipped battery to control a charge
- Allows remote management and monitoring of a charger and BMM

Data Management

The EcoCharge has built in data connectivity and remote monitoring which can be used with a network management system and demand response management.

- Provides detailed monitoring and logging of site performance, generating analytics and alarms

Flexibility and Scalability

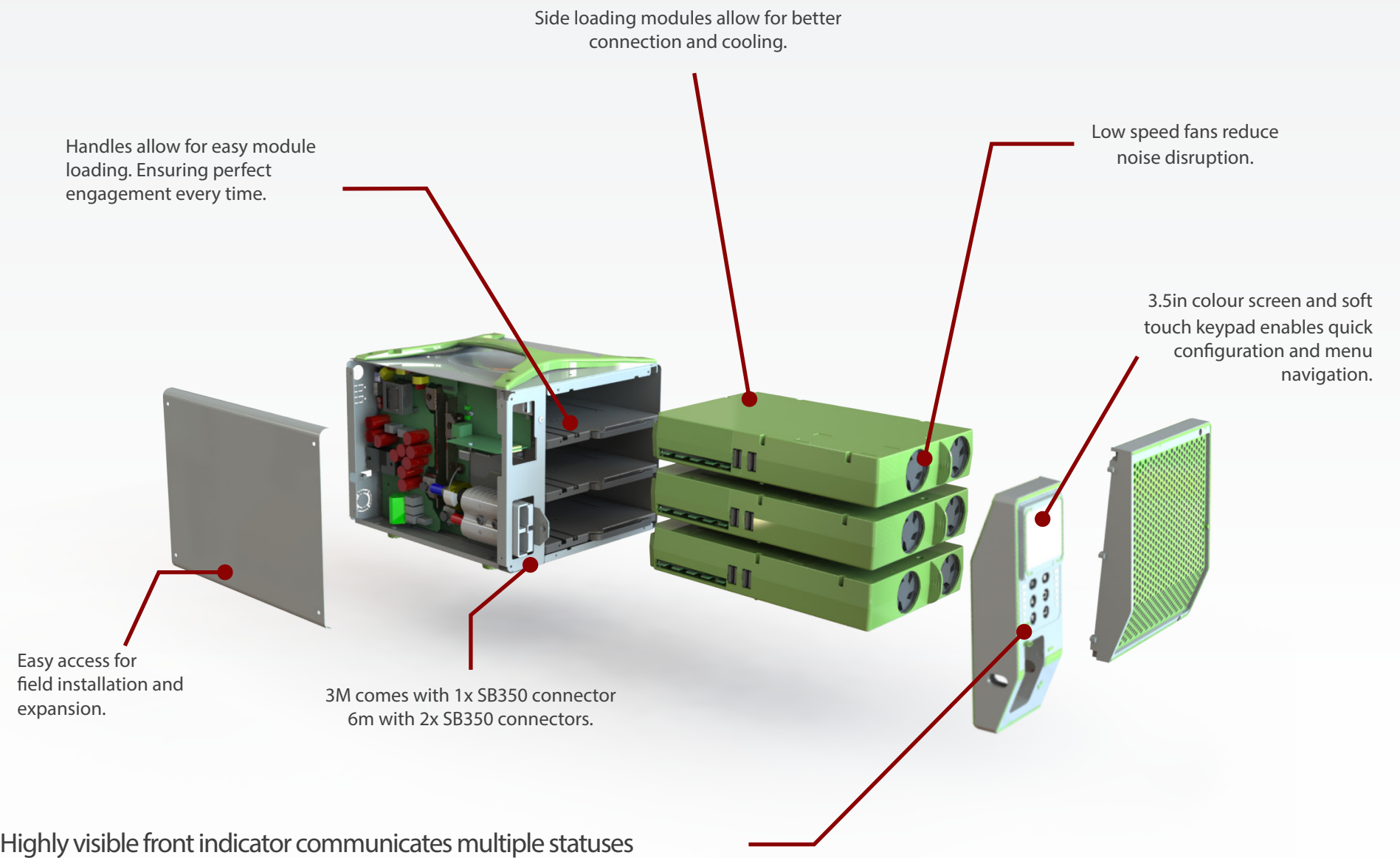
Using 3 module types the EcoCharge can meet your requirements for all three phase supplies; the MP42 for 200 and 240VAC, MP44 for 380 to 480VAC and MP46 for 480 to 600VAC.

- All three module types can charge batteries from 24V to 96V
- All modules can charge flooded lead acid, sealed lead acid, lithium ion and nickel cadmium battery types
- Support mixed fleets with different chemistries, capacities and manufacturers without reconfiguration

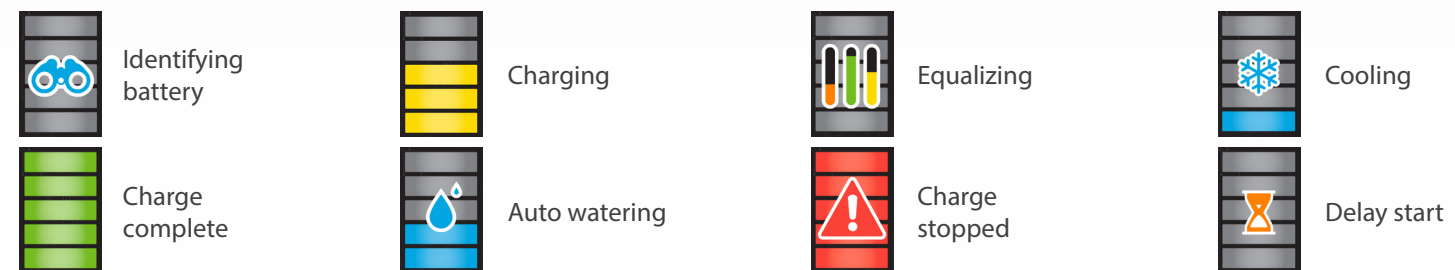
Reliability

- Power module redundancy ensures continued operation even in the case of a fault
- Designed and engineered by the same team as the XHF charger, building upon its reputation for reliability
- Compliant with RCM and other global standards

The EcoCharge at a glance



Highly visible front indicator communicates multiple statuses



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Efficiency

Boasting an industry leading efficiency level of over 97%, from the pioneer in motive power who first brought you modular and CEC compliant chargers.



Connectivity

Supporting Wi-Fi, Bluetooth®, CAN (optional), Ethernet and USB for unprecedented levels of configuration, monitoring, diagnostics and data mining.



Power Density

A 10% reduction in footprint, coupled with a 66% increase in power compared to previous models, makes the EcoCharge a global champion of power density.