160KW DC CHARGER(GB/T)

Product Advantages

Intelligent Charging

- Automatically identifies single-gun independent charging or dual-gun parallel charging.
- VIN-based plug-and-charge with contactless payment.
- Equipped with SiC MOSFET modules, the peak efficiency exceeds 96.5%, featuring low impedance and high efficiency.
- Paired with an automatic system efficiency optimization strategy, the system always operates at peak efficiency.

Cloud management

- Supports remote control, self-diagnosis and OTA upgrades.
- Accurate data statistics and visualized revenue.
- Reduces offline operation and maintenance costs and improves operational efficiency.

Low noise and eco-friendly

- Both the system and modules feature precise fan speed control.
- Independent noise reduction design ensures low noise and environmental friendliness

Super Charging

- Maximum output of 400A per gun, meeting the demand for 400A high-current charging.
- Wide constant power output, compatible with all vehicle models.
- Automatically identifies vehicles complying with old and new national standards.
- Smaller size, higher power density.

High compatibility

- Modular design, flexible configuration according to needs, and convenient expansion. Supports hot swapping with power on for easy maintenance.
- If a single module fails, it will automatically exit without affecting the operation of other modules.

Stable and safe

- Equipped with G3 dustproof filter for easy maintenance.
- Self-developed CCU+MCU system architecture with module X-capacitor pre-warning mechanism.
- Monitors BMS insulation and charging process data in real time, and implements active protection for abnormal data.

Product Parameters

project	Product Model	EON1000/160Y-7
	Product Model	160kW DC Integrated Charger
Input Parameters	Input Frequency	45~65Hz
	Input Voltage	380Vac±15%
	Input Power Factor	≥0.99
Output Parameters	Output Voltage Range	200~1000Vdc
	Constant Power Voltage Range	300~1000Vdc
	Number Of DC Output Channels	Single/Double Channel
	Maximum Single-channel Output Current	250A
	Module Platform	40kW
Operating Environment	Peak Efficiency Of The Entire Unit	Peak efficiency>96.0%
	Levels Of Protection	IP54
	Working Temperature	-20 ℃ ~+65℃
	Working Humidity	5%~95%, no condensation
	Above Sea Level	≤2000m; above 2000m, output power must be reduced
	Device Dimensions (W*D*H)	750mm*450mm*1700mm
Safety Protection	Defencive Function	AC input over/undervoltage protection, DC output over/undervoltage protection, overload protection, short-circuit protection, surge protection, overtemperature protection, battery reverse connection protection, emergency stop protection, anti-reverse current protection, insulation detection protection, door opening protection, contactor stick protection, etc.

