30/40KW DC CHARGER(GB/T)

Product Advantages

Safe Charging

- A full-process safety guard from plug-in to full charge, ensuring safe charging.
- Dual 85 X-capacitor failure early warning with exclusive patented technology, effectively avoiding fire risks.

High efficiency, low consumption

- Adopts SiC MOSFET devices with peak efficiency ≥ 96%.
- System standby power consumption ≤ 15W, reducing operating costs and increasing economic benefits.

Cloud management

- Supports self-diagnosis and remote OTA upgrade
- Supports remote fault location, reducing on-site maintenance costs and improving operational efficiency.

High Stability

- Equipped with G3 dustproof filter, replacement once a year, easy maintenance, ensuring hassle- free long- term use.
- 4G communication + Ethernet port, dual communication ensures higher stability.

Convenient Experience

- No activation required. Simply provide platform information when placing an order, and the device is ready for use upon power-on.
- The charging cable is lightweight, with weight reduced by 73%, making it easy to handle even for female users.

Forward-looking design

- Upgradeable to V2G in the future, reducing secondary investment costs.

Product Parameters

project	Product Model	EON1000/30-I	EON1000/40- I
	Product Model	30kW DC Integrated Machine	40kW DC Integrated Machine
Input characteristics	Input Frequency	45~65Hz	
	Input Voltage Range	380Vac±15	
	Output Voltage Range	≥0.99	
Output characteristics	Output Voltage Range	200~1000V	
	Constant Power Voltage Range	500~1000V	500~1000V
	DC Output Circuits	Single Channel	
	Maximum Output Current per Channel	80A	
Working environment	Peak Efficiency of the Whole Unit	≥96%	
	IP Rating	IP55	
	Operating Temperature	-30~65℃	
	Operating Humidity	5% ~ 95%, non-condensing	
	Altitude	≤5000m, derating above 2000m	
	Installation Method	Wall-mounted / Pole-mounted	
	Dimensions (WDH)	Wall-mounted:500mm*250mm*750mm	
		Pole-mounted:500mm*365mm*1551mm	
Safety protection	Protection Functions	Over/Under Input Voltage Protection, Over/Under Output Voltage Protection, Short Circuit Protection, Overcurrent Protection, Overtemperature Protection, Lightning Protection, etc.	

