60/120/180KW DC CHARGER(GB/T)

Product Advantages

Ultra-high current

- Single gun delivers 300 A continuous output, while dual guns can be charged simultaneously up to 800 A.
- Supports dual-cabinet four-gun parallel charging with a maximum current of 1600 A, outperforming industry standards by 50%.

Ultimate experience

- Automatically identifies new and old national standard vehicle models, synchronizes charging station protocols, and maintains full compatibility with 100% of vehicle models.
- Automatically identifies dual or quadruple gun configurations without manual selection
- Supports VIN code/card recognition for quick startup

Enjoy peace of mind

- The self-developed full encapsulation module was adopted to ensure stable operation across the entire system.
- BMS messages are stored locally for precise accident cause localization
- Real-time monitoring of core components enables proactive risk avoidance, resulting in a 1.2% improvement in charging success rate; pioneered self-recovery functionality for shutdown buttons to reduce manual station access.

High efficiency and cost-saving

- The system efficiency reaches 96.4% at the same level or higher, outperforming the industry average by 1.4%, with annual electricity cost savings of thousands of yuan per single pile.
- The module is equipped with a built-in AC contactor and has a standby power consumption of 0W.
- Compatible with five-core aluminum cables, achieving 60%-80% material cost savings.

Product Parameters

Project	Product Model	EON1000/60Y-7	EON1000/120Y-7	EON1000/180Y-7
	Product Model	60kW DC Integrated Charger	120kW DC Integrated Charger	180kWDC 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	200A	250A	250A
	Module Platform	60kW		
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)	600mm*350mm*1450mm		
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.		

