240/360/480KW 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	EON1000/240Y-7	EON1000/360Y-7	EON1000/480Y-7
	Product model	240kw DC integrated unit	360kw DC integrated unit	480kw DC integrated unit
Input parameter	Module Platform	60kw		
	Incoming Frequency	45~65hz		
	Input Voltage	380vac±15%		
	Input Power Factor	≥0.99		
Out parameter	Output Voltage Range	200~1000vdc		
	Constant Power Voltage Range	600~1000vdc		
	Number Of DC Output Channels	Twin channel		
	Single Gun Rated Current	250A		300A
Work environment	Peak Efficiency Of The Entire Unit	Peak efficiency ≥96.0%		
	Levels Of Protection	IP54		
	Working Temperature	-30 ℃ ~+65℃		
	Working Humidity	5%~95%, no condensation		
	Above Sea Level	≤2000m; above 2000m, output power must be reduced		
	Device Dimensions (W*D*H)	600mm*550mm*1600mm		
Safe guarding	Defencive Function	Input over/under voltage protection, output over/under voltage protection, short circuit protection, overcurrent protection, overtemperature protection, and lightning protection		

