



EVD Series

EVD-360SF / EVD-480SF

Highlights

Smarter charging



- Arbitrary double cables or double piles charging together, charging faster
- Dynamically allocate power 30kW or 40kW granularity
- Support local power limit to improve customer's revenue
- 9 ways of intelligent start/stop, easy to operate



More compatible charging

- 200~1000V ultra-wide voltage output
- Compatible with old and new national standard vehicle charging requirements
- Support aluminum line access, reduce investment cost
- Support to carry cable line management device
- Support flexible configuration of common terminal and liquid-cooled terminal

Safer charging



- Multiple protection measures for all-round safety of charging
- Module in-position detection to improve reliability
- Multiple isolation and anti-reverse measures, independent patented technology to ensure charging safety
- Unique three-phase unbalance control technology, suitable for special grid environment



More convenient operation and maintenance

- Intelligent operation and maintenance management, online OTA upgrade
- Automatic module address recognition to improve O&M efficiency
- 10-day local storage of original BMS interaction data, fault recording
- Pull-out dust filter, maintenance time < 5 minutes

Specifications

MODEL		EVD-360SF		EVD-480SF	
AC INPUT	AC input voltage range (V)	400±20%			
	AC input connection	3P + N + PE			
	Frequency range (Hz)	45~66			
	PF	≥0.99			
	THDi	≤5%			
DC OUTPUT	DC output voltage range (V)	200~1000			
	Efficiency	≥96%			
	Output power (kW)	360		480	
	Max output current (A) (IEC 62196) / (HPC)	0~1309A 500A liquid-cooled cable (CCS2) 200A air-cooled cable (CCS2)		0-1600A 500A liquid-cooled cable (CCS2) 200A air-cooled cable (CCS2)	
	Charging connector (IEC 62196) / (HPC)	2~8 / 1		2~12 / 1~2	
	Cable length (m) (IEC 62196) / (HPC)	5			
GENERAL SPECIFICATIONS	Noise level (db)	< 65 (Rated)			
	Human machine interface	21.5" color touch screen liquid-cooled dispenser 13.5" color touch screen air-cooled dispenser			
	Access control	Scan			
	Indicator light	Power on/off, charging, fault			
	Network connection	Ethernet (standard communication protocol)			
	Ventilation	Air-cooled			
	IP level	IP54			
	Power distribution	Intelligent distribution			
	Charging standards	EN 61851-1/23, ISO 15118 (DIN 70121), IEC 62196-3 (Mode 4)			
	Communications protocol	OCPP 1.6J			
ENVIRONMENT	Operating altitude (m)	≤2000			
	Operational environment	Indoor and outdoor			
	Operating temperature (°C)	-20~+55, derating output for temperature over 55℃			
	Storage temperature (°C)	-40~70			
	Relative humidity	5%~95%			
MECHANICAL SPECIFICATIONS	Size (W x D x H) mm	Power cabinet: 750×900×2025 Liquid-cooled dispenser: 1100×600×1850; Air-cooled dispenser: 1000×600×2050			
	Weight	Power cabinet: 285kg Liquid-cooled dispenser: 34.5kg; Air-cooled dispenser: 40kg			
	Options	○card ○4G wireless communication ○smoke and water detection ○CHAdemo output (air-cooled)			

* The product is being continuously updated, please refer to the latest information.

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