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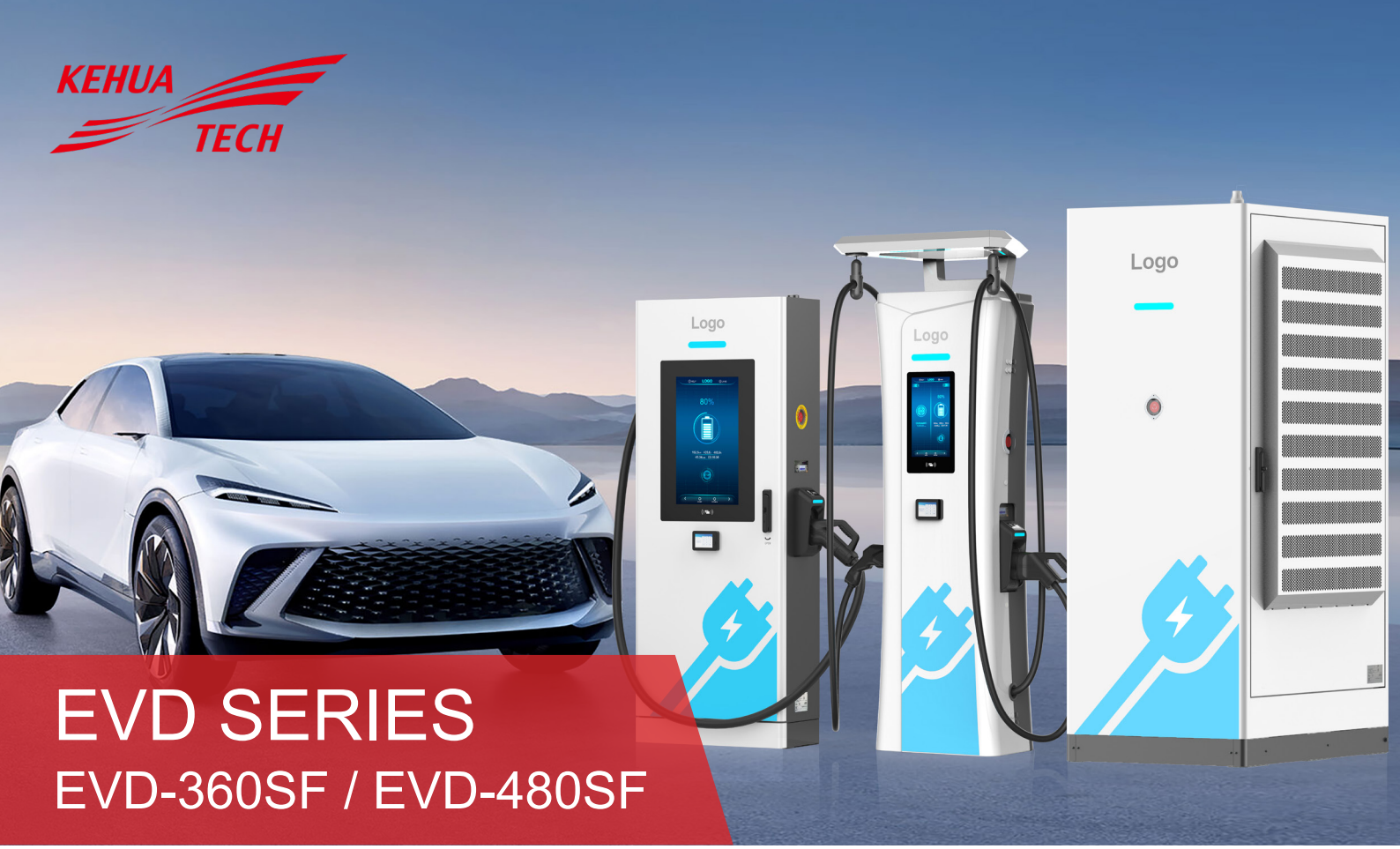

EVD SERIES

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 CCS1/CCS2/CHAdeMO standard vehicle charging requirement
- 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,Support credit card	
	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),UL2202	
	Communications protocol	OCPP 1.6J	
ENVIRONMENT	Operating altitude (m)	≤2000	
	Operational environment	Indoor and outdoor	
	Operating temperature（℃）	-30~+65, derating output for temperature over 50℃	
	Storage temperature（℃）	-40~70	
	Relative humidity	5%~95%	
MECHANICAL SPECIFICATIONS	Size (W x D x H) mm	Power cabinet: 750×900×2025 Liquid-cooled terminal: 1100×600×1850; Air-cooled terminal: 1000×600×2050	
	Weight	Power cabinet: 285kg Liquid-cooled terminal: 40kg Air-cooled terminal: 34.5kg	
	Options	○card ○4G wireless communication ○smoke and water detection ○CHAdeMO Output (Air-cooled) ○CCS1 Output (Air-cooled)	

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

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