

60-180kW Integrated DC Charger

EVD-60TF/EVD-80TF/EVD-120TF/EVD-160TF/EVD-180TF



*Standard Configuration



*Optional Configuration



More Intelligent

- Supports charging an EV with dual cables simultaneously
- Unique airflow design for noise reduction
- Dynamic load management to optimize EV charging



User Friendly

- High-brightness touch screen & physical touch buttons
- Cable management system for premium user experience
- Supports multiple payment options
- Barrier-free design for easy access



More Reliable

- Multiple protection measures ensure charging safety
- Power module in-position detection improves reliability
- IP55 protection for harsh environments



Easy O&M

- Intelligent O&M with OTA upgrades
- Quick replacement of dust filter in 5 minutes
- Supports local interaction data storage with fault logging

Technical Specification

Technical parameters		EVD-60TF / EVD-120TF/ EVD-160TF / EVD-180TF
AC INPUT	Rated Input voltage	400V AC
	Input voltage range	400V AC±15%
	AC input connection	3P + N + PE
	Frequency range	45-66 Hz
	PF	≥0.99
	THDi	≤5% (More than half load)
DC OUTPUT	Rated Output power	60kW/80kW/120kW/160kW/180kW
	DC output voltage	150~1000V DC
	Constant power output voltage range	300~1000V DC
	Number of charging connector	2
	Type of charging connector	CCS1 or CCS2 (Rated current: 250A)
	Cable length	Standard: 5 meters (Other lengths can be customized)
	Peak efficiency	≥95.5%
User Interface & Standard	Display & operation	10 "color touchable screen + LED indicator + 4 buttons
	Emergency stop button	Yes
	Payment method	RFID / QR code / credit card (Optional)
	Connectivity	4G / Ethernet (RJ45)
	RFID protocol	ISO 14443A/B, ISO 15693
	Back-end protocol	OCPP 1.6J
	EV protocol	DIN 70121 / ISO 15118
	Firmware update	Over-the-air update
	Multilanguage system	Other languages available by firmware upgarde
OTHERS	Noise level	<65dB(Rated conditions, 25°C, 1m distance)
	Ventilation	Air-cooling
	Cable management system	Optional
	EMC	Class A
ENVIRONMENT	Operating altitude	≤ 2000m
	Operating temperature	-30 ~ 55°C,(Reduced output power for temperature above 50°C)
	Storage temperature	-40 ~ 70°C
	Relative humidity	5% ~ 95% (Non-condensing)
MECHANICAL SPECIFICATIONS	IP level	IP55
	IK level	IK10(Not included screen)
	Size (W x D x H)	850*700*1950mm (Not included CMS) 850*700*2215mm (Included CMS)
	Weight	≤480kg

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