Integrated DC charger
EVD-400TF

Smarter charging

- High efficiency and silent mode intelligent switching
- Supports dual cables charging a car simultaneously
- Intelligent dynamic power allocation with 96.5% peak efficiency for optimal energy use
- Sleek design with a compact footprint

User friendly

- 150~1000V ultra-wide voltage output
- Supports integration with multiple platforms via OCPP 1.6J
- High-brightness touch screen with a disability-friendly user interface
- Cable management system optional

Safer charging

- 100+ Multiple protection measures ensure charging safety
- Module in-position detection improves reliability
- Unique three-phase unbalance control technology, suitable for special grid environment

More convenient O&M

- Intelligent O&M management with online OTA upgrades
- Supports local storage of BMS data and fault records
- Pull-out dust filter, maintenance time < 5 minutes

Technical Specification

Technical parameters		EVD-240TF / EVD-320TF/ EVD-360TF / EVD-400TF
AC INPUT	Rated Input voltage	400VAC
	Input voltage range	400VAC±15%
	AC input connection	3P + N + PE
	Frequency range	45-66 Hz
	PF	≥0.99
	THDi	≤5%(More than half load)
DC OUTPUT	Output power	240kW/320kW/360kW/400kW
	DC output voltage	150~1000V DC
	Constant power output voltage range	300~1000V DC
	Number of charging connector	2
	Type of charging connector	CCS2 (rated current: 250A)
	Cable length	Standard: 5 meters (other lengths can be customized)
	Rated power of the charging module	40kW
	Peak efficiency	>96.5%
User Interface & Standard	Display	10 "color touchable screen + LED indicator
	Emergency 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
	Filter dust warning	Yes
OTHERS	Noise level	≤65dB(Rated conditions, 25°C, 1m distance)
	Ventilation	Air-cooling
	Cable management system	Optional
	EMC	Class A
	Certification	CE
ENVIRONMENT	Operating altitude	≤ 2000m
	Operating temperature	-30 ~ 70°C (derating output for temperature over 50°C)
	Storage temperature	-40 ~ 70°C
	Relative humidity	5% ~ 95% (non-condensable)
MECHANICAL SPECIFICATIONS	IP level	IP55
	IK level	IK10(not included screen)
	Size (W x D x H)	850*900*1950mm (not included CMS) 850*900*2215mm (included CMS)
	Weight	≤600kg