240-400kW Integrated DC Charger

OB-240TF/OB-300TF/OB-320TF/OB-360TF/OB-400TF

*Standard Configuration

*Optional Configuration

More Intelligent

- Max.efficiency up to 96.5%
- 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		OB-240TF/OB-300TF/OB-320TF/OB-360TF/OB-400TF
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 % at full load
DC OUTPUT	Rated Output power	240kW/300kW/320kW/360kW/400kW
	DC output voltage	150~1000V DC
	Constant power output voltage range	300~1000V DC
	Number of connectors	2
	Type of connector	CCS2
	Output Current	240/300/320kW：250A (Boost 300A)/350A (Boost 500A) 360/400kW：350A (Boost 500A)
	Cable length	Standard: 7 meters (Other lengths can be customized)
	Peak efficiency	≥96.5%
User Interface & Standard	Display & operation	10 "color touchable screen + LED indicator + 4 buttons
	Emergency stop button	Yes
	Authentication methods	RFID-card / QR code / Auto-charge/ 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)
	Cooling method	Air-cooled
	Cable management system	Optional
	EMC	Class A
	Certification	CE CB
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*900*1950mm (Not included CMS) 850*900*2115mm (Included CMS)