



# EVD Series EVD-120TF

## Highlights

### Smarter charging



- Multi-mode intelligent switching, with both high efficiency and silent mode
- Support local power limit to improve customer's revenue
- Arbitrary double cables or double piles charging together, charging faster
- High brightness touch screen, clearer display, support standby automatic screen off



### More compatible charging

- 200~1000V ultra-wide voltage output
- Adopt Linux system, support multi-platform access
- Compatible with old and new national standard vehicle charging requirements
- Support aluminum line access, reduce investment cost
- Support to carry cable line management device

### 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

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

## Specifications

MODEL		EVD-120TF
AC INPUT	AC input voltage range (V)	400±20%
	AC input connection	3P + N + PE
	Frequency range (Hz)	45~60
	PF	≥0.99
	THDi	≤5%
DC OUTPUT	Output power (kW)	120
	Efficiency	≥96%
	DC output voltage range (V)	200~1000
	Constant power output voltage range (V)	275~1000
	Max output current (A)	2×200A air-cooled cable (CCS2)
	Charging connector	2
	Cable length (m)	3
GENERAL SPECIFICATIONS	Noise level (db)	< 65 ( Rated )
	Human machine interface	21.5" color touch screen
	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
	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	690 x 500 x 1680 680×500×1900 with cable management system
	Weight	182.5kg
	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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