

EVD-20S

Fast DC EV charging station
for public use, CCS Type 2 plug.



Features



Programmable charging mode



4.3 inch screen/opt



Comprehensive protection



EU standard



Multiple communication modes



Flexible installation



POS payment terminal

*Reserved installation space and power supply provided.

Model	EVD-20S
Input & Output	
Input voltage range	320~457V AC
Rated input voltage	AC400V(3P/N/PE)
Rated input current	AC32A
Rated Frequency	50Hz
DC plug type	CCS Type 2
Output voltage range	DC150~1000V
Rated power	20kW
Max. output current	DC50A
Voltage accuracy	≤±0.5%
Current accuracy	≤±1%(at 20%-100% of rated power)
Voltage-regulating accuracy	≤±0.5%
Current-regulating accuracy	≤±1%
Ripple coefficient	RMS: ±0.5%; Peak: ≤±1%
Metering accuracy	Class 0.5
Efficiency	≥94%
Cable length	5m
Protection	
Over voltage protection	Yes
Under voltage protection	Yes
Over current protection	Yes
Over load protection	Yes
Over-temp protection	Yes
Emergency protection	Yes
Lightning protection	Yes
Function & Accessory	
Display	4.3 inch screen/Opt
Ethernet/WIFI/4G	Yes/Yes/Opt
Charging mode	APP/RFID/Plug and Charge
Intelligent power adjustment	Yes
PV linkage	Yes
Load balancing	Yes
Indicator	Yes
Installation	Floor/wall-mounting
OCPP	1.6JSON
Working Environment	
Ingress Protection	IP54
Operating temperature	-25°C ~+50°C
Relative humidity	5-95% non-condensing
Maximum altitude	2000m
Cooling	Forced air cooling
Standby power consumption	<20W
Noise emission	<65db
Mechanical	
Dimension (W/H/D)	450/670/206mm
Weight	38kg
Certificate	
	CE RCM