

OC EVD-20S

DC Charging Station



LEADING - EDGE TECHNOLOGY

Wall-mounting type quick DC charger for public charging station, CCS type 2 plug

Features



Programmable charging mode



4.3 inch LCD screen optional



Comprehensive protection



EU and Jap standard



Multiple communication modes



Flexible installation

Datasheet

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Input & Output

Input voltage	320~480V AC
Rated input voltage	400V AC
Frequency	50Hz/60Hz
DC plug type	CCS Type 2(default), CHAdeMO(opt), single plug
Output voltage range	CCS(150-750V), CHAdeMO(150-500V)
Max.output power	20kW
Max.output current	CCS 50A, CHAdeMO 50A
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%
Meeting accuracy	0.5%
Efficiency	≥95%
Cable Length	5m

Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Leakage current protection	Yes
Over-temp protection	Yes
Short circuit protection	Yes
Lightning protection	Yes

Function & Accessory

Display	4.3 inch screen/Opt
Ethernet/WIFI/4G	Yes/Yes/Opt
Charging mode	APP/RFID(opt)/Plug and Charge
Indicator	Yes
Emergency stop	Yes

Working Environment

Protection degree	IP54
Operating temperature	-25°C ~+50°C
Relative humidity	5%-95% non-condensing
Maximum altitude	2000m
Cooling	Forced air cooling
Standby power consumption	<25W
Noise emission	≤65db

Mechanical

Dimension (W/H/D)	450/630/206mm
Weight	36kg

Certificate

Certificate	CE, EMC ClassB
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