







EVD-40D



Large capacity fast DC EV charging station for public use, CCS/CHAdeMo plugs

Features

-  Programmable charging mode
-  7 inch touch screen
-  Comprehensive protection
-  EU and Jap standard
-  Multiple communication modes
-  Dual output ports

Datasheet

EVD-40D

Input & Output

Input voltage	260~455V AC
Rated input voltage	400V AC
Frequency	50/60Hz
DC plug type	CCS Type 2(default), CHAdeMO(opt), double plugs
Output voltage range	CCS(150-750V), CHAdeMO(150-500V)
Max. output power	40kW
Max. output current	CCS 80A, CHAdeMO 80A
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	0.5%
Efficiency	≥95.2%
Cable Length	5m

Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Short circuit protection	Yes
Lightning protection	Yes

Function & Accessory

Display	7 inch touch screen
Ethernet/WIFI/4G	Yes/Yes/Opt
Charging mode	APP/RFID/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)	556/775/270mm
Weight	78kg

Certificate

Certificate	CE
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