

EVD-40D

DC EV Charging Station



LEADING - EDGE TECHNOLOGY

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

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Datasheet

EVD-40D

Input & Output

Input voltage	320~457V AC
Rated input voltage	400V AC
Frequency	50/60Hz
DC plug type	CCS Type 2(default), CHAdeMO(opt), double plugs
Output voltage range	CCS(150-1000V), CHAdeMO(150-500V)
Max. output power	40kW
Max. output current	CCS 100A, CHAdeMO 125A
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	>94%
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	<30W
Noise emission	≤65db

Mechanical

Dimension (W/H/D)	532/858/300mm
Weight	84kg

Certificate

Certificate	CE RCM
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