

EVD-60D/80D/100D/120D/160D

DC EV Charging Station



LEADING - EDGE TECHNOLOGY

Large capacity fast DC EV charging station, double CCS or CCS/CHAdeMo (CHAdeMo is only optional for EVD-60D) with automatic power adjustment between 2 guns

Features



Programmable charging mode



7 inch touch screen



Comprehensive protection



EU and Jap standard



Multiple communication modes



Dual outputs

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Datasheet

	EVD-60D	EVD-80D	EVD-100D	EVD-120D	EVD-160D
Input & Output					
Input voltage	320-457V AC	320-457V AC	320-457V AC	320-457V AC	320-457V AC
Rated input voltaged	400V AC	400V AC	400V AC	400V AC	400V AC
frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
DC plug type	CCS Type2(default), CHAdeMO(opt),double plugs	CCS Type2,double plugs	CCS Type2,double plugs	CCS Type2,double plugs	CCS Type2,double plugs
Output voltage range	CCS(150-1000V), CHAdeMO(150-500V)	150-1000V DC	150-1000V DC	150-1000V DC	150-1000V DC
Max.output power	60kW	80kW	100kW	120kW	160kW
Max.output current	CCS 150A,CHAdeMO 125A	Single connector MAX: 200A	Single connector MAX: 200A	Single connector MAX: 200A	Double connectors MAX:200A+200A
Voltage-regulating accuracy	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%
current-regulating accuracy	≤±1%	≤±1%	≤±1%	≤±1%	≤±1%
Ripple coefficient	RMS:≤±0.5%; Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%
Metering accuracy	0.5%	0.5%	0.5%	0.5%	0.5%
Efficiency	>94%	>94%	>94%	>94%	>94%
Cable length	5m	5m	5m	5m	5m

Protection

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

Function & Accessory

Display	7 inch touch screen	7 inch touch screen	7 inch touch screen	7 inch touch screen	7 inch touch screen
Ethernet/WIFI/4G	Yes/Yes/Opt	Yes/Yes/Opt	Yes/Yes/Opt	Yes/Yes/Opt	Yes/Yes/Opt
Charging mode	APP/RFID/Plug and Charge	APP/RFID/Plug and Charge	APP/RFID/Plug and Charge	APP/RFID/Plug and Charge	APP/RFID/Plug and Charge
Indicator	Yes	Yes	Yes	Yes	Yes
Emergency stop	Yes	Yes	Yes	Yes	Yes

Working Environment

Protection degree	IP54	IP54	IP54	IP54	IP54
Operating temperature	-25°C ~+50°C	-25°C ~+50°C	-25°C ~+50°C	-25°C ~+50°C	-25°C ~+50°C
Relative humidity	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing
Maximum altitude	2000m	2000m	2000m	2000m	2000m
Cooling	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling
Standby power consumption	<100W	<100W	<100W	<120W	<120W
Noise emission	≤65db	≤65db	≤65db	≤65db	≤65db

Mechanical

Dimension (W/H/D)	600/1883/803mm	600/1883/803mm	600/1883/803mm	600/1883/803mm	600/1883/803mm
Weight	240kg	270kg	285kg	300kg	337kg

Certificate

Certificate	CE	CE	CE	CE	CE
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