

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

DC Charging Station



LEADING - EDGE TECHNOLOGY

Large capacity fast DC charger for public charging station, single CCS or CHAdeMo plug, double CCS or CCS/CHAdeMo plugs 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

Shenzhen AteSS Power Technology Co.,Ltd

1st Floor of Building 3 at Sector B and 3rd Floor of Building 9, Henglong Industrial Park, No.4 Industrial Zone, Shuitian Community, Shiyan Street, Baoan District, Shenzhen

Datasheet

	EVD-60D	EVD-80D	EVD-100D	EVD-120D	EVD-160D
Input & Output					
Input voltage	340-460V AC	340-460V AC	340-460V AC	340-460V AC	340-460V AC
Rated input voltage	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	<25W	<75W	<85W	<100W	<150W
Noise emission	≤65db	≤65db	≤65db	≤65db	≤65db
Mechanical					
Dimension (W/H/D)	600/1880/800mm	600/1880/800mm	600/1880/800mm	600/1880/800mm	600/1880/800mm
Weight	250kg	260kg	270kg	280kg	300kg
Certificate					
Certificate	CE	CE	CE	CE	CE