







# EVD-60D/80D/100D



Large capacity fast DC EV charging station for public use, double CCS or CCS/CHAdeMo plugs(only 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 output ports

# Datasheet

	EVD-60D	EVD-80D	EVD-100D
<b>Input &amp; Output</b>			
Input voltage	340-460V AC	340-460V AC	340-460V AC
Rated input voltage	400V AC	400V AC	400V AC
Frequency	50/60Hz	50/60Hz	50/60Hz
DC plug type	CCS Type2(default), CHAdeMO(opt),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
Max. output power	60kW	80kW	100kW
Max. output current	CCS 150A,CHAdeMO 125A	Single connector MAX: 200A	Single connector MAX: 200A
Voltage-regulating accuracy	≤±0.5%	≤±0.5%	≤±0.5%
Current-regulating accuracy	≤±1%	≤±1%	≤±1%
Ripple coefficient	RMS:≤±0.5%; Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%	RMS:≤±0.5%;Peak:≤±1%
Metering accuracy	0.5%	0.5%	0.5%
Efficiency	≥94%	≥94%	≥94%
Cable Length	5m	5m	5m
<b>Protection</b>			
Over voltage protection	Yes	Yes	Yes
Under voltage protection	Yes	Yes	Yes
Over load protection	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes
Earth leakage protection	Yes	Yes	Yes
Over-temp protection	Yes	Yes	Yes
Lightning protection	Yes	Yes	Yes
<b>Function &amp; Accessory</b>			
Display	7 inch touch screen	7 inch touch screen	7 inch touch screen
Ethernet/WIFI/4G	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
Indicator	Yes	Yes	Yes
Emergency stop	Yes	Yes	Yes
<b>Working Environment</b>			
Protection degree	IP54	IP54	IP54
Operating temperature	-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
Maximum altitude	2000m	2000m	2000m
Cooling	Forced air cooling	Forced air cooling	Forced air cooling
Standby power consumption	<25W	<75W	<85W
Noise emission	≤65db	≤65db	≤65db
<b>Mechanical</b>			
Dimension (W/H/D)	600/1880/800mm	600/1880/800mm	600/1880/800mm
Weight	250kg	260kg	270kg
<b>Certificate</b>			
Certificate	CE	CE	CE