

EVD-80/120/160/200D-X

Large capacity fast DC EV charging station for public use, double CCS plugs with automatic power adjustment between 2 plugs.



Features



Programmable charging mode



Comprehensive protection



Multiple communication modes



POS payment terminal

*Reserved installation space and power supply provided.



7 inch touch screen



EU standard



Dual output ports

Model	EVD-80D-X	EVD-120D-X	EVD-160D-X	EVD-200D-X
Input & Output				
Input voltage range	320~450V AC			
Rated input voltage	AC400V(3P/N/PE)			
Rated input current	AC125A	AC185A	AC245A	AC305A
Rated frequency	50Hz			
DC plug type	CCS Type2, double plugs			
Output voltage range	CCS: DC150-1000V			
Rated power	80kW	120kW	160kW	200kW
Max. output current	CCS: DC200A			
Voltage-regulating accuracy	≤±0.5%			
Current-regulating accuracy	≤±1%			
Ripple coefficient	RMS: ≤±0.5%; Peak: ≤±1%			
Metering accuracy	0.5%			
Efficiency	>95%			
Cable Length	5m			
Protection				
Over voltage protection	Yes			
Under voltage protection	Yes			
Over current protection	Yes			
Over load protection	Yes			
Short circuit protection	Yes			
Earth leakage protection	Yes			
Emergency protection	Yes			
Over-temp 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/VIN			
Intelligent power adjustment	Yes			
Indicator	Yes			
Emergency stop	Yes			
OCPP	1.6JSON			
Working Environment				
Ingress Protection	IP54			
Operating temperature	-25°C ~+50°C			
Relative humidity	5-95% non-condensing			
Maximum altitude	2000m			
Cooling	Forced air cooling			
Standby power consumption	<100W	<120W	<120W	<135W
Noise emission	≤65db			
Mechanical				
Dimension (W/H/D)	600/1883/803mm			
Weight	260kg	275kg	289kg	310kg
Certificate				
	CE			