

REVO EVD-150D/180/300D/360D








DC Charging Station



LEADING - EDGE TECHNOLOGY

Large capacity DC charger for public charging station, dual CCS plug

Features

-  Programmable charging mode
-  7 inch touch screen
-  Comprehensive protection
-  European Standard
-  Multiple communication modes
-  Dual output ports
-  Charging cable balancer, effortless cable handling

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Datasheet

	REVO EVD-150D	REVO EVD-180D	REVO EVD-300D	REVO EVD-360D
Input & Output				
Input voltage	340~460V AC	340~460V AC	340~460V AC	340~460V AC
Rated input voltage	400V AC	400V AC	400V AC	400V AC
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
DC plug type	CCS Type 2,double plugs	CCS Type 2,double plugs	CCS Type 2,double plugs	CCS Type 2,double plugs
Output voltage range	200~1000V DC	200~1000V DC	200~1000V DC	200~1000V DC
Max. output power	150kW	180kW	300kW	360kW
Max. output current	Single connectors MAX: 200A	Single connectors MAX: 200A	Double connectors MAX: 200A+200A	Double connectors MAX: 200A+200A
Voltage accuracy	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%
Current accuracy	≥30A: ≤±1%; <30A: ≤±0.3A	≥30A: ≤±1%; <30A: ≤±0.3A	≥30A: ≤±1%; <30A: ≤±0.3A	≥30A: ≤±1%; <30A: ≤±0.3A
Voltage-regulating accuracy	≤±0.5%	≤±0.5%	≤±0.5%	≤±0.5%
Current-regulating accuracy	≤±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%
Metering accuracy	0.5%	0.5%	0.5%	0.5%
Efficiency	≥97%	≥97%	≥97%	≥97%
Cable Length	5m	5m	5m	5m

Protection				
Over voltage protection	Yes	Yes	Yes	Yes
Under voltage protection	Yes	Yes	Yes	Yes
Over load protection	Yes	Yes	Yes	Yes
Leakage current protection	Yes	Yes	Yes	Yes
Over-temp protection	Yes	Yes	Yes	Yes
Short circuit protection	Yes	Yes	Yes	Yes
Lightning protection	Yes	Yes	Yes	Yes

Function & Accessory				
Display	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
Charging mode	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
Emergency stop	Yes	Yes	Yes	Yes
Charging cable balancer	Yes	Yes	Yes	Yes

Working Environment				
Protection degree	IP54	IP54	IP54	IP54
Operating temperature	-25°C ~+55°C	-25°C ~+55°C	-25°C ~+55°C	-25°C ~+55°C
Relative humidity	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing
Maximum altitude	2000m	2000m	2000m	2000m
Cooling	Forced air cooling	Forced air cooling	Forced air cooling	Forced air cooling
Standby power consumption	<30W	<30W	<45W	<45W
Noise emission	≤65db	≤65db	≤65db	≤65db

Mechanical				
Dimension (W/H/D)	1190/2200/1000mm	1190/2200/1000mm	1190/2200/1000mm	1190/2200/1000mm
Weight	800kg	1000kg	1600kg	1800kg

Certificate				
Certificate	CE	CE	CE	CE