

EVD-60D/160D-CC

Modular 60kW - 160kW EV Rapid/Ultra-Rapid Charger
[CCSx2]

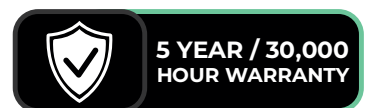


The Future of EV Charging

The 60-160 kW DC Charger takes a modular approach to commercial charging, having multiple outputs tailored for your requirements, these are:

- 60kW EV Charger [Configurations: 1x60kW or 1x20kW, 1x40kW]
- 80kW EV Charger [Configurations: 1x80kW or 2x40kW]
- 100kW EV Charger [Configurations: 1x100kW or 1x60kW, 1x40kW]
- 120kW EV Charger [Configurations: 1x120kW or 2x60kW]
- 160kW EV Charger [Configurations: 1x160kW or 2x80kW]

The EVD-60D/160D-CC is a large capacity rapid to ultra-rapid DC charger, with dual CCS charging outlets. With its high power output, it's perfect for commercial charging application. Being fully compatible with the Project EV Pro App, allows for easy fleet and cost management, as well as being able to manage load balancing for larger scale charging across multiple vehicles.



METHODS OF CONTROL

Plug & Charge - Project EV's ethos is to make charging electric vehicles easy and stress free for all. With the Plug and Play mode you do not require any additional software or applications to control your EV charge point, you simply plug your car into a Project EV device, and the charge begins.

RFID - RFID Mode Charging is an easy simple way for users to control their EV Charge Point with a swipe of a card. One RFID card is supplied as standard, however extra cards can be supplied for those interested in public charging.

Project EV App - The FREE Project EV App allows you to choose and customise charging rates, prioritise off-peak charging to maximise savings (including via a solar charging mode) and create charging records; so you can see and control all your data.

Project EV Pro App - The Project EV Pro App is a unique EV charging platform, providing you the ability to utilise public charging capabilities and manage and control multiple chargers - from which you can generate a fluid revenue stream.



Note - EVD-60D/160D-CC Datasheet - Information correct as of 05/23

	EVD-60D-CC	EVD-80D-CC	EVD-100D-CC	EVD-120D-CC	EVD-160D-CC
Input & Output					
Input voltage	340-460V AC	340-460V AC	340-460V AC	340-460V AC	340-460V 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), double plugs	CCS Type2, double plugs	CCS Type2, double plugs	CCS Type2, double plugs	CCS Type2, double plugs
Output voltage range	CCS (150-1000V)	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	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	✓	✓	✓	✓	✓
Under voltage protection	✓	✓	✓	✓	✓
Over load protection	✓	✓	✓	✓	✓
Short circuit protection	✓	✓	✓	✓	✓
Earth leakage protection	✓	✓	✓	✓	✓
Over-temp protection	✓	✓	✓	✓	✓
Lightning protection	✓	✓	✓	✓	✓

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	✓	✓	✓	✓	✓
Emergency stop	✓	✓	✓	✓	✓

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

