



Sigen EV DC Charging Module

- V2H power supply, ample backup energy
- V2G power transfer, ready for energy trading
- EV-supported home energy system black start
- Max. 25 kW stable bi-directional charging
- 150V ~ 1000V charging, wide EV compatibility
- Charge EV with 100% solar power
- Track & schedule charging on mySigen App
- IP66 system protection, maintenance free

Sigen EV DC Charging Module 12 / 25 kW

Preliminary

SigenStor EVDC ¹	12	25	Units
DC Output			
Max. charging power	12.5	25	kW
Max. discharging power (V2H, V2G)	12.5	25	kW
Output voltage range		150 - 1000	V
Max. output current	40	80	A
Charging interfaces		CCS2	
Protection			
Short-circuit protection		Supported	
Over / Under voltage protection		Supported	
Overload protection		Supported	
Over temperature protection		Supported	
Reverse polarity protection		Supported	
Welded contactor check		Supported	
General Data			
Dimensions (W / H / D)		700 / 270 / 260	mm
Weight		40	kg
Storage temperature range		-40 - 70	°C
Operating temperature range		-30 - 60	°C
Relative humidity range		5% - 95%	
Max. operating altitude		4000	m
Cooling		Smart air cooling	
System ingress protection rating		IP66	
Integrated charging cable length ²		5 / 7.5	m
Function			
Authentication		RFID card / Auto. charging (no authentication)	
Application		Bi-directional charging (V2H, V2G) Smart load management, Reservation	
User interfaces		LED indicator, App, RFID / NFC reader	
Remote function		OTA, Remote diagnosis	

1. Sigen EV DC Charging Module needs to be used together with Sigen Energy Controller.
 2. Integrated charging cable length refers to the length of the cable that extends from the Sigen EV DC Charging Module, not the length of the exposed cable.