



# 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
- 150 V – 1000 V charging, wide EV compatibility
- Charge EV with 100% solar power
- Track & schedule charging on mySigen APP
- IP66 protection, maintenance free

# Sigen EV DC Charging Module 12 / 25 kW

Preliminary

SigenStor EVDC <sup>1</sup>	12	25	Units
<b>DC Output</b>			
Max. charging power	12.5	25	kW
Max. discharging power (V2H, V2G)	12.5	25	kW
Output voltage range	150 ~ 500 (CHAdeMO), 150 ~ 1000 (CCS1 / CCS2)		V
Max. output current	40	80	A
Charging interfaces	CHAdeMO / CCS1 / CCS2		
<b>Protection</b>			
Short-circuit protection	Supported		
Over / Under voltage protection	Supported		
Overload protection	Supported		
Over temperature protection	Supported		
Reverse polarity protection	Supported		
Welded contactor check	Supported		
<b>General Data</b>			
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 <sup>2</sup>	5 / 7.5		m
<b>Function</b>			
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 / Sigen Storage Controller.
2. Integrated charging cable length <sup>2</sup> refers to the length of the cable that extends from the Sigen EV DC Charging Module, not the length of the exposed cable.