

## 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

SigenStor EVDC <sup>1</sup>	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	А
Charging interfaces	CCS2		
Protection			
Short-circuit protection	Supp	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 <sup>2</sup>	5 / 7.5		m
Function			
Authentication	RFID card / Auto. charg	RFID card / Auto. charging (no authentication)	
Application		Bi-directional V2X operation (X=Building, Home, Grid) <sup>3</sup> , Smart load management	
User interfaces	LED indicat	LED indicator, App, RFID	
Remote function	OTA, Remote diagnosis		

<sup>3.</sup> Sigen EV DC Charging Module needs to be used together with Sigen Energy Controller.

<sup>2.</sup> 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.

<sup>3.</sup> ISO15118/DIN70121 compatible and V2X-ready technology. V2X functionality may be limited by EV's capabilities.