



Sigen EV DC Charging Module

- V2X ready technology, future proof
- 150 V – 1000 V charging, wide EV compatibility
- Max. 25 kW stable bi-directional charging
- 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 ¹ | 12 | 25 | Units |
|-----------------------------------------------|-------------------------------------------------------------------|----|-------|
| DC Charging | | | |
| Max. charging power of charging port | 12.5 | 25 | kW |
| Max. discharging power of charging port | 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 / App / No authentication | | |
| Application | Bi-directional V2X operation ³ , Smart load management | | |
| User interfaces | LED indicator, App, RFID | | |
| Remote function | OTA, Remote diagnostics | | |

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.
3. V2X functionality is limited by the EV's capabilities. Once the relevant standards are published and tested, V2X feature can be upgraded through the OTA. For the official support of vehicle models and support timelines, please refer to future announcement made on the official website.