Sigen EVAC Charger

- Green power charging with SigenStor
- Data tracking & scheduled charging on mySigen App
- Dynamic load management to prevent overload, user-friendly charging*
- Easy installation with less steps and top/bottom entry option
- NEMA 4X & IK10 provide high degree of protection
- Compatible with NEMA plug-in installation
- Wall - mounted installation provides high flexibility
- PV surplus charging or fast charging mode achieves high proportion green power usage.
- Scheduled charging provides switching charging power from the grid or solar surplus power according to the local electricity price.

*Only works with SigenStor EC solution, additional Sigen Power Sensor or Sigen Meter Collar.

*This function needs to be used with Sigen Power Sensor.

Sigen EV AC Charger 11.5 kW US

Sigen EVAC	11.5	Units
AC Input & Output		
Nominal charging power	11.5	kW
Nominal output voltage	208 ~ 240	V
Output current range	6 ~ 48	A
Nominal AC frequency	60	Hz
Charging connector	SAE J1772 / NACS SAE J3400	
AC input connection	Hard-wired	
Protection		
Integrated RCD protection	CCID 20	
Flamemability of enclosure	UL 94-5VB	
Mechanical enclosure protection	IK 10	
Automatic recovery	Supported	
Over / Under voltage protection	Supported	
Overload protection	Supported	
Over temperature protection	Supported	
Ground fault protection	Supported	
Surge protection	Supported	
Grounding system	TT, TN	
User Interface & Communication		
Protocol	RS-485, Modbus RTU	
Communication	WLAN / Ethernet	
Authentication	App / Auto-charge (no authentication)	
Display	LED indicator / App	
Charging mode	Standard charging / Scheduled charging	
Metering	External meter with RS485	
Dynamic load management	Supported	
General Data		
Dimensions (W / H / D)	9.21 x 15.12 x 5.35 / 234 x 384 x 136	in / mm
Weight	16.3 / 7.4	lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70	°F / °C
Operating temperature range	-22 ~ 122 / -30 ~ 50	°F / °C
Relative humidity range	5% ~ 95%	
Max. operating altitude	13123 / 4000	ft / m
Cooling	Natural convection	
Enclosure type	NEMA 4X	
Installation method	Wall-mounted	
Application environment	Outdoor / Indoor	
Standby self-consumption	< 3.6	W
Integrated charging cable length	25 / 7.5	ft / m