



# PointGuard V2X Module

- V2X ready technology, future proof
- Max. 25 kW bi-directional charging
- 150 V ~ 1000 V charging, wide EV compatibility
- Charge EV with solar power
- Track charging on myPointGuard App
- NEMA 4X system enclosure

PG V2X <sup>1</sup>	12	25	Units
DC Output			
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 connector	CCSI / NACS		
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)	27.56 x 10.63 x 10.24 / 700 x 270 x 260		in / mm
Weight <sup>2</sup>	≤ 89 / ≤ 40		lbs / kg
Storage temperature range	-40 ~ 158 / -40 ~ 70		°F / °C
Operating temperature range	-22 ~ 140 / -30 ~ 60		°F / °C
Relative humidity range	5% ~ 95%		
Max. operating altitude	13123 / 4000		ft / m
Cooling	Smart air cooling		
System enclosure type	NEMA 4X		
Integrated charging cable length <sup>3,4</sup>	16.4 / 5 or 24.6 / 7.5		ft / m
Function			
Authentication	RFID card / APP / No authentication		
Application	Bi-directional charging (V2H / V2G) <sup>5</sup> , Smart load management		
User interfaces	LED indicator, App, RFID		
Remote function	OTA, Remote diagnostics		

1. PG V2X needs to be used together with PG Controller.

2. Net weight is less than 40kg, which excludes the charging connector, exteriors and attachments used for wall-mounted installations.

3. Integrated charging cable length refers to the length of the cable that extends from the PG V2X, not the length of the exposed cable.

4. Without provision of Cable Management System(CMS) with our product, the cable length is less than the max. limit 5m in Canada or 7.5m in U.S according to their regulations and standards.

5. V2X functionality may be limited by EV's capabilities.