

8. Specification

Item	Specification	Remark
Battery energy	2240Wh	LiFePO4, 6000 cycles
Input port	MC4	
Input power	840W max	2*420W, Input from PV panels
Input working voltage	16~60V	Adaptive 210~560+ W PV Panel
Input current	2*14A max	
Rated output power	840W max	Output to microinverter
Output voltage	16~44V	Simulated PV panel output
Working temperature	Charge -10~45°C Discharge -20~45°C	Here is -30~45°C charging and discharging of some other models. *1
Storage temperature	Short-term(<3 months): -20~45°C Long-term(3~12 months): 0~25°C	
Relative Humidity	< 95% (Non-condensation)	
Waterproof rating	IP65	Suitable for outdoor sheltered places
Elevation	< 2000m	
Dimension	50*37*18.5cm	
Weight	about 30.5kg	
Installation	Wall & floor mounting	
Communication	2.4G & 5G WiFi	

Note:

- ① *1 : The product of those models has a heating module that is started when the temperature is below 5°C. It requires enough photovoltaic energy input to start the heating and a period time to finish heating.
- ② Due to the characteristics of the battery, the maximum output power of the product will be reduced relative to the rated value when ambient temperature is below 0°C.