



**FEATURES**

- Small size and light weight
- Screen direct selection of inverter communication
- Standard cycle life is more than 5000 times
- Accurately estimate the state of charge of the battery pack, that is, the remaining power of the battery, to ensure that the power of the battery pack is maintained within a reasonable range
- Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code
- Easy for installation and maintenance



**APPLICATIONS**

- Household
- Commercial real estate
- Small-size commercial
- Public buildings

Model Type	PWS51.2-100R	PWS51.2-200R
Nominal voltage(V)	51.2	
Nominal capacity(AH)	100	200
Nominal energy capacity(kWh)	5.12	10.24
Operating voltage range	44.8~58.4	
Recommended charging voltage(V)	55.2	
Recommended discharge cut-off voltage(V)	48	
Standard charging current(A)	20	40
Maximum continuous charging current(A)	50	100
Standard discharge current(A)	20	40
Maximum discharge current(A)	50	100
Applicable temperature(°C)	-30~60(Recommended 10~35)	
Allowable humidity range(%rh)	0~95% No condensation	
Storage temperature(°C)	-20~65(Recommended 10~35)	
Protection level	IP20	
Cooling method	Natural air cooling	
Life cycles	5000+ times at 80% DOD	
Maximum size(DxWxH)mm	689*495*162	682*510*246
Weight(kg)	49	93

Note: The above data are reference data and are subject to change without prior notice. Customized requirements such as special voltage, Bluetooth, 1C charging and discharging, motherboard over-current >120A, etc, need to be communicated with engineers.

**COMPATIBLE INVERTER BRANDS**

