



FEATURES

- Summary switch, to achieve a key switch.
- Stack design allows flexible battery expansion.
- Chinese and English display summary of all PACK information; Screen direct selection inverter communication protocol.
- Multiple clusters are parallel. A maximum of eight battery packs can be connected in parallel.

APPLICATIONS

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

Model Type	PWS1-P10	PWS1-P15	PWS1-P20	PWS2-P20	PWS2-P30	PWS2-P40
Battery Module Model	48100			48200		
Battery Module Nominal Energy (kWh)	4.8			9.6		
Rated Voltage (V)	48					
Number of Cell Modules in Single Cluster	2	3	4	2	3	4
Single Cluster Battery Energy (kWh)	9.6	14.4	19.2	19.2	28.8	38.4
Maximum number of clusters in parallel	8					
Operating voltage range (V)	42~54.75					
Recommended Charge Voltage (V)	51.75					
Recommended discharge cut-off voltage (V)	45					
Maximum charge current (A)	0.5C					
Maximum discharge current (A)	0.5C					
Unit cluster size (D*W*H) mm	700*425*672	700*425*964	700*425*1056	700*479*848	700*479*1128	700*479*1408
Unit cluster weight (kg)	145	199	254	228	324	420
Communication mode	CAN/485/Bluetooth					
Proper temperature (°C)	-30~60 (Recommend10~35)					
Storage temperature (°C)	-20~65 (Recommend10~35)					
Humidity (%RH)	<85					
Protection level	IP20					
Cooling method	Natural cooling					
Number of cycles	≥5000					
Standard of security	CE, UN38.3, MSDS					

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

