

- 01** Long system life cycle
- 02** The system conversion efficiency is up to 98.8%
- 03** Remote control, no need for manual supervision
- 04** High degree of modularity, simple structure, easy to install
- 05** Integrated air conditioning and fire extinguishing
- 06** Support off-grid/on-grid use



System parameter

Battery parameters			
Model	HS-PWS-50kWh	HS-PWS-100kWh	HS-PWS-150kWh
Rated voltage (V)	512		
Voltage range (V)	400 ~ 576		
Battery energy (kWh)	50	100	150
Battery capacity (Ah)	100	206	280
Combination	1P*16S*10S		
Max charging current (A)	50	100	
Max discharging current (A)	50	100	
Cell type	LiFePO4		
AC parameter			
Rated output power (KW)	20KW	50KW	
Max output current (A)	33.5A	83A	
AC Max charging power (W)	20KW	50KW	
Max input current (A)	43.5A	87A	
PVDC input voltage range (V)	135-1000V		
MPPT voltage range (V)	200-850V		
AC rated output voltage (V)	3L/N/PE,220/380V;230/400;240/415V		
Grid frequency (Hz)	50/60HZ		
Battery voltage range (V)	135-750		
Basic parameters			
IP level	IP54		
Cooling	Air Cooling		
Isolation method	No transformer		
working temperature range (°C)	-30~50		
Nominal operating altitude (m)	2000		
Communication Interface	RS485/CAN		
Cycle life	6000times		
Maximum system efficiency	90%		
Fire Supression System	Aerosol/Perfluorohexanone/Heptafluoropropane		
Size (mm) W*D*H	1500*900*1700	1500*1050*2050	1700*1200*2050