

Hybrid power-wall 5kw Energy storage inverter integrated



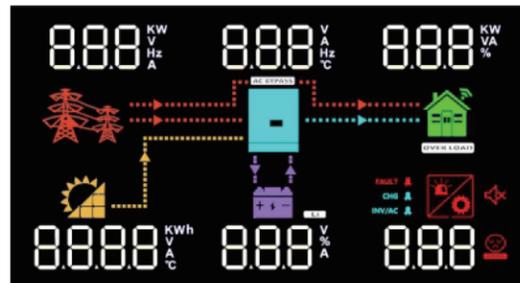
»» Features

- Pure sine wave solar inverter(on/off grid)
- One-click restoration to factory settings
- Output power factor 1.0
- High PV input voltage range(90~500VDC)
- WIFI&GPRS available for IOS and Android
- Built-in anti-dusk kit for harsh enviroment
- Built-in 80A 5500W MPPT solar charge
- Smart battery charge design to optimize battery life
- Built-in 51.2V100Ah 5120W lithium battery
- Extensible battery pack
- Touch buttom

»» Overview



LED power display



LCD Screen



WiFi-APP

»» Inverter data sheet

MODEL	Hybrid power-wall 5kw
AC Input parameter(AC)	
Input source	Input source
Input rated voltage	220/230/240VAC
AC voltage range	154~264VAC±3V (APL mode) 185~264VAC±3V(UPS mode)
AC frequency	Adaptive frequency range of 50~60Hz
Maximum AC charging current	80A
Output parameters(AC)	
AC Rated power	5000W
AC output voltage	220/230/240VAC±5%
AC output frequency	50~60Hz
AC wave	Pure sine wave
Transmission time	20ms (APL mode) ,10ms(UPS mode)
Peak power	10000VA
Overload capacity	21s @105%~150% load;11s @150~200% load ; 400ms @>200% load
Peak efficiency (battery mode)	>94%
PV Input(DC)	
PV charging mode	MPPT
Maximum PV input power	5500W
MPPT tracking range	120~500vdc
PV optimal voltage	300~400vdc
Maximum PV input voltage	500vdc
Optimal PV charging current	80A
Screen display	
Liquid Crystal Display	Displaying operational modes, load, input, output, and other information
Operating environment	
Operating temperature	0~40°C
Operating humidity	20%~95% (non-condensing water)
Storage temperature	-15~60°C
Elevation	designed for operation at altitudes not exceeding 1000 meters. Above 1000 meters, a derating is applied. The maximum altitude for operation is 4000 meters. Reference is made to IEC 62040
Operating noise	≤50dB

»» Battery data sheet

MODEL	51.2V100Ah
Nominal battery voltage	51.2V
Battery energy	5120Wh
Maximum operating current	100A
Temperature of discharge	-20~65°C
Temperature of charge	0~65°C
Life Cycle (0.25C 25C)	6000 Cycles@ 0.5C
Warranty BAT	5 Years, 6000 Cycles ,whichever comes first

»» Contour information

MODEL	Hybrid power-wall 5kw
Dimension	500*220*930mm
Weight	83KG