

## Stacked energy storage (Home)

Integrated household appliance design is adopted, which is exquisite and beautiful and easy to install. Modular stack design, flexible matching of energy storage unit, capacity expansion on demand, integrated inverter, convenient and portable, strong mobility, saving household electricity costs.



Long Life



Mobility



Space Saving



Home Appliance Style



Model	XPC 5kW+5.12kWh	XPC 5kW+10.24kWh	XPC 5kW+15.36kWh	XPC 5kW+20.48kWh	XPC 5kW+25.6kWh
<b>stacked lithium battery</b>					
Single module capacity	5.12kWh				
Module number	1pcs	2pcs	3pcs	4pcs	5pcs
Total capacity	5.12kWh	10.24kWh	15.36kWh	20.48kWh	25.6kWh
Standard voltage	51.2V				
Working voltage	43.2V-57.6V				
Standard discharge current	100A	200A	300A	400A	500A
Standard charging current	50A	100A	150A	200A	250A
Suggested DOD	80%				
Humidity	20%-60%				
Installation	Stacked				
IP rating	IP20				
Communication	CAN/RS485/RS232(WIFI,bluetooth is optional and need extra cost)				
Product size/unit	550*500*185mm				
N.W./unit	40kgs				
<b>Battery Input</b>					
Battery type	LFP				
Rated Battery Input Voltage	48V ( Minimum Start up Voltage 44V)				
Hybrid Charging Maximum Charging Current	80A				
Battery Voltage Range	40VDC~60VDC ± 0.6VDC(Under Voltage Warning/Shutdown Voltage/Over Voltage Warning/Over Voltage Recover y...)				
<b>Solar Input</b>					
Maximum PV Open-circuit Voltage	500VDC				
PV Working Voltage Range	120-500VDC				
MPPT Voltage Range	120-450VDC				
Maximum PV Input Current	18A				
Maximum PV Input Power	5200W				
Maximum PV Charging Current	80A				
<b>AC Input (generator/grid)</b>					
Mains Maximum Charging Current	60A				
Rated Input Voltage	220/230VAC				
Input Voltage Range	UPS Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%				
Frequency	50Hz/ 60Hz (Automatic Detection)				
Mains Charging Efficiency	>95%				
Switch Time (bypass and inverter)	10ms(Typical Value)				
Maximum Bypass Overload Current	40A				
<b>AC Output</b>					
Output Voltage Waveform	Pure Sine Wave				
Rated Output Voltage (VAC)	230VAC(200/208/220/240VAC)				
Rated Output Power (VA)	5000 (4350/4500/4800/5000)				
Rated Output Power(W)	5000 (4350/4500/4800/5000)				
Peak Power	10000VA				
On-load Motor Capacity	4HP				
Output Frequency Range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz				
Maximum Efficiency	>90%				
No-load Loss	Non Energy-saving Mode: ≤50W Energy-saving Mode: ≤25W (Manual Setup)				