



# 5kW 51.2V Power Stacked Lithium Battery



# **Parameter**

## Stacked Energy Storage Battery (Home)

Communication  CAN/RS485/RS232(WIFL,blue-tooth is optional and need extra cost)  Product size/unit  S50*500*185mm  N.W./unit  40kg  Battery Input  Rated Battery Input Voltage  51.2V ( Minimum Startup Voltage 44V)  Hybrid Charging Max Charging Current  80A  Battery Voltage Range  40Vdc~60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Warning/Over voltage Recovery)  Solar Input  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  AC Input (On-grid)  Mains Maximum Charging Current  60A  Rated 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)  Maximum Bypass Overload Current  40A	Model	5kw+5.12kwh	5kw+10.24kwh	5kw+15.36kwh	5kw+20.48kwh	5kw+25.6kwh
Total number   Total sergy capacity   5.12km   10.24km/h   15.36km   20.48km/h   20.48km/h   25.58km/h   25.58km/h   25.58km/h   20.48km/h   25.58km/h   25.58km/h   20.48km/h   25.58km/h   20.48km/h   25.58km/h   20.48km/h   20.48km/h   25.58km/h   20.48km/h   20.48k	Single module capacity			5.12kWh		
Total energy capacity         5.12kwh         10.24kwh         15.36kwh         20.48kwh         25.6kwh           Standard voltage         51.2V         33.2v-57.6V         Standard Charging Current         100.A         Standard Charging Current         50.A         Standard Charging Current         40.Xiv.Standard Charging Current         40.Xiv.Standard Charging Current         Standard Charging Current Charging Current         Standard Charging Current Charging Cur		1pcs	2pcs	3pcs	4pcs	5pcs
Standard voltage	Total energy capacity	5.12kwh	-	15.36kwh	20.48kwh	25.6kwh
Working voltage				51.2V		
Standard discharge current	Working voltage					
Suggested DOD   90%						
Humidity	Standard charging current	50A				
Installation   Stacked   IP rating   IP20	Suggested DOD	90%				
Prating	Humidity	20%-60%				
Communication CAN/RS485/RS232(WIFI,blue-tooth is optional and need extra cost)  Product size/unit 550*500*185mm  N.W.unit 40kg  Battery Input  Rated Battery Input Voltage 51.2V (Minimum Startup Voltage 44V)  Hybrid Charging Max Charging Current 80A  Battery Voltage Range 40Vdc~60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Warning/Over voltage Recovery)  Solar Input  Maximum PV Open-circuit Voltage 500VDC  PV Working Voltage Range 120-500VDC  MPPT Voltage Range 120-500VDC  MPPT Voltage Range 120-500VDC  Maximum PV Input Current 18A  Maximum PV Input Power 5200W  Maximum PV Input Qurrent 80A  AC Input (On-grid)  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 99%  Switch Time (bypass and inverter) 10ms(Typical Value)  Maximum Bypass Overload Current 40A  AC Output (On-grid)  Output Voltage Waveform Pure Sine Wave  Rated Output Voltage (VAC) 230VAC (200/208/220/240VAC)  Rated Output Voltage (VAC) 350/4500/4800/5000)  Rated Output Power (VA) 5000(4350/4500/4800/5000)  Rated Output Power (VA) 5000(4350/4500/4800/5000)  Rated Output Power (WA) 5001(4350/4500/4800/5000)  Pask Power 100000VA  On-load Motor Capacity 4HP  Output Frequency Range(Hz) 50Hz±0.3Hz  Maximum Efficiency >90%	Installation	Stacked				
Product size/unit         550*500*185mm           N.W./unit         40kg           Battery Input         Rated Battery Input Voltage           Rated Battery Input Voltage         51.2V ( Minimum Startup Voltage 44V)           Hybrid Charging Max Charging Current         80A           Battery Voltage Range         40Vdc~60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Narning/Over voltage Recovery)           Solar Input         500VDC           PV Working Voltage Range         120-500VDC           MPPT Voltage Range         120-500VDC           Maximum PV Input Current         18A           Maximum PV Input Power         5200W           Maximum PV Input Power         60A           Rated Input Voltage Range         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         595%           Switch Time (bypass and Inverter)         10ms(Typical Value)           Maximum Bypass Overload Current         40A           AC Output (On-grid)         230VAC (200/208/220/240VAC)           Rated Output Voltage (VAC)         230VAC (200/208/220/240VAC)           Rated Output Power (VA)         5000( 4350/4500/48	IP rating	IP20				
N.W./unit 40kg Battery Input Rated Battery Input Voltage 51.2V ( Minimum Startup Voltage 44V) Hybrid Charging Max Charging Current 80A 40Vdc-60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Warning/Sbutdown Voltage/Warning/Sbutdown Voltage 800VDC Maximum PV Open-circuit Voltage 900VDC Maximum PV Input Current 80A AC Input (On-grid) Mains Maximum Charging Current 80A AC Input (On-grid) Mains Maximum Charging Current 80A AC Input (On-grid) 90SMains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC~280VAC)±2% Frequency 90S% Switch Time (bypass and Inverter) 10ms(Typical Value) Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Mode (170VAC~280VAC) 230VAC (200/208/220/240VAC) Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 90SMains Maximum Bypass Overload Current 40A AC Output (On-grid) 9	Communication	CAN/RS485/RS232(WIFI,blue-tooth is optional and need extra cost)				
Battery Input  Rated Battery Input Voltage   51.2V ( Minimum Startup Voltage 44V)   Hybrid Charging Max Charging Current   80A   40Vdc-60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Warning/ Over voltage Recovery)  Solar Input  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   80A   AC Input (On-grid)   80A   Ac Input (On-grid)   80A   Mains Maximum Charging Current   80A   Ac Input (On-grid)   80A   Rated 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   AC Output (On-grid)   Output Voltage Waveform   Pure Sine Wave   Rated Output Power (VA)   5000(4350/4500/4800/5000)   Rated Output Power (VA)   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%	Product size/unit	550*500*185mm				
Rated Battery Input Voltage	N.W./unit	40kg				
Hybrid Charging Max Charging Current  Battery Voltage Range  40Vdc-60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Warning/Over voltage Recovery)  Solar Input  Maximum PV Open-circuit Voltage PV Working Voltage Range  500VDC  MPPT Voltage Range  120-500VDC  MPPT Voltage Range  120-450VDC  Maximum PV Input Current  18A  Maximum PV Input Power  5200W  Maximum PV Charging Current  80A  AC Input (On-grid)  Mains Maximum Charging Current  60A  Rated Input Voltage Range  UPS Mains Mode: (170VAC-280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%  Frequency  50Hz/60Hz (Automatic Detection)  Mains Charging Efficiency  Sold (Automatic Detection)  Maximum Bypass Overload Current  40A  AC Output (On-grid)  Output Voltage Waveform  Pure Sine Wave  Rated Output (On-grid)  Rated Output Power (VA)  Rated Output Power (VA)  Rated Output Power (VA)  Rated Output Power (VA)  Gon-load Motor Capacity  4HP  Output Frequency Range(Hz)  Maximum Efficiency  Sold Sold-30-3450-04420.3Hz  Maximum Efficiency  Sold Sold-30-3450.3Hz  Maximum Efficiency  Sold Sold-30-3450.3Hz  Sold Sold-30-31-36-	Battery Input					
Battery Voltage Range  40Vdc-60Vdc ± 0.6Vdc(Under voltage Warning/Shutdown Voltage/Over voltage/Warning/Over voltage Recovery)  Solar Input  Maximum PV Open-circuit Voltage  500VDC  PV Working Voltage Range  120-500VDC  MPPT Voltage Range  120-500VDC  Maximum PV Input Current  18A  Maximum PV Input Power  5200W  Maximum PV Charging Current  80A  AC Input (On-grid)  Mains Maximum Charging Current  60A  Rated Input Voltage  120-300VAC  Input Voltage Range  UPS Mains Mode: (170VAC-280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%  Frequency  50Hz/ 60Hz (Automatic Detection)  Mains Charging Efficiency  595%  Switch Time (bypass and inverter)  Maximum Bypass Overload Current  40A  AC Output (On-grid)  Output Voltage Waveform  Pure Sine Wave  Rated Output Voltage (VAC)  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)  Maximum Efficiency  90%	Rated Battery Input Voltage	51.2V ( Minimum Startup Voltage 44V)				
Solar Input	Hybrid Charging Max Charging Current	80A				
Solar Input           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           AC Input (On-grid)         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           AC Output (On-grid)         40A           AC 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±0.3Hz±0.3Hz±0.3Hz           Maximum Efficiency	Battery Voltage Range					
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           AC Input (On-grid)         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           AC Output (On-grid)         Pure Sine Wave           Rated Output Voltage Waveform         Pure Sine Wave           Rated Output Power (VA)         5000 (4350/4500/4800/5000)           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)         501x±0.3Hz/60Hz±0.3Hz           Maximum Efficiency         >90%	Solar Input				•	
MPPT Voltage Range         120-450VDC           Maximum PV Input Current         18A           Maximum PV Input Power         5200W           Maximum PV Charging Current         80A           AC Input (On-grid)           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           AC Output (On-grid)         Pure Sine Wave           Rated Output Voltage Waveform         Pure Sine Wave           Rated Output Power (VA)         5000( 4350/4500/4800/5000)           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%	Maximum PV Open-circuit Voltage	500VDC				
Maximum PV Input Current  Maximum PV Input Power  5200W  Maximum PV Charging Current  80A  AC Input (On-grid)  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  995%  Switch Time (bypass and inverter)  10ms(Typical Value)  Maximum Bypass Overload Current  40A  AC Output (On-grid)  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  990%	PV Working Voltage Range	120-500VDC				
Maximum PV Input Power  5200W  Maximum PV Charging Current  80A  AC Input (On-grid)  Mains Maximum Charging Current  80A  Rated Input Voltage  120/230VAC  Input Voltage Range  10PS Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%  Frequency  50Hz/ 60Hz (Automatic Detection)  Mains Charging Efficiency  995%  Switch Time (bypass and inverter)  Maximum Bypass Overload Current  40A  AC Output (On-grid)  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)  Maximum Efficiency  5200W	MPPT Voltage Range	120-450VDC				
Maximum PV Charging Current  AC Input (On-grid)  Mains Maximum Charging Current  Rated Input Voltage  Input Voltage Range  UPS Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%  Frequency  Soltz/ 60Hz (Automatic Detection)  Mains Charging Efficiency  Switch Time (bypass and inverter)  Maximum Bypass Overload Current  AC Output (On-grid)  Output Voltage Waveform  Pure Sine Wave  Rated Output Voltage (VAC)  Rated Output Power (VA)  Solo( 4350/4500/4800/5000)  Rated Output Power(W)  Foek Power  10000VA  On-load Motor Capacity  Maximum Efficiency  Solo( 4350/450.3Hz/60Hz±0.3Hz  Maximum Efficiency  Solo( 4350/Hz±0.3Hz  Solo( 4350/Hz±0.4Hz  Solo( 4350/Hz±0.4Hz	Maximum PV Input Current	18A				
AC Input (On-grid)  Mains Maximum Charging Current  Rated Input Voltage  1220/230VAC  Input Voltage Range  1295 Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC~280VAC)±2%  Frequency  Sollar (Automatic Detection)  Mains Charging Efficiency  Sys%  Switch Time (bypass and inverter)  Maximum Bypass Overload Current  40A  AC Output (On-grid)  Output Voltage Waveform  Pure Sine Wave  Rated Output Voltage (VAC)  Rated Output Power (VA)  Sollar (200/208/220/240VAC)  Rated Output Power (VA)  Sollar (350/4500/4800/5000)  Rated Output Power(W)  Folia (4350/4500/4800/5000)  Peak Power  10000VA  On-load Motor Capacity  4HP  Output Frequency Range(Hz)  Maximum Efficiency  >90%	Maximum PV Input Power	5200W				
Mains Maximum Charging Current Rated Input Voltage 120/230VAC Input Voltage Range 140 UPS Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2% Frequency 50Hz/ 60Hz (Automatic Detection) Mains Charging Efficiency 995% Switch Time (bypass and inverter) 10ms(Typical Value) Maximum Bypass Overload Current 40A AC Output (On-grid) 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%	Maximum PV Charging Current	80A				
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  AC Output (On-grid)  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%	AC Input (On-grid)					
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  AC Output (On-grid)  Output Voltage Waveform  Pure Sine Wave  Rated Output Voltage (VAC)  Rated Output Power (VA)  Food (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)  Maximum Efficiency  50Hz±0.3Hz/60Hz±0.3Hz  >90%	Mains Maximum Charging Current	60A				
Frequency 50Hz/ 60Hz (Automatic Detection)  Mains Charging Efficiency >95%  Switch Time (bypass and inverter) 10ms(Typical Value)  Maximum Bypass Overload Current 40A  AC Output (On-grid)  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%	Rated Input Voltage	220/230VAC				
Mains Charging Efficiency >95%  Switch Time (bypass and inverter) 10ms(Typical Value)  Maximum Bypass Overload Current 40A  AC Output (On-grid)  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%	Input Voltage Range	UPS Mains Mode: (170VAC~280VAC)±2% APL Generator Mode: (90VAC-280VAC)±2%				
Switch Time (bypass and inverter)         10ms(Typical Value)           Maximum Bypass Overload Current         40A           AC Output (On-grid)         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%	Frequency	50Hz/ 60Hz (Automatic Detection)				
Maximum Bypass Overload Current         40A           AC Output (On-grid)         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%	Mains Charging Efficiency	>95%				
AC Output (On-grid)           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%	Switch Time (bypass and inverter)	10ms(Typical Value)				
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%	Maximum Bypass Overload Current			40A		
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%	AC Output (On-grid)					
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%	Output Voltage Waveform	Pure Sine Wave				
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%	Rated Output Voltage (VAC)	230VAC (200/208/220/240VAC)				
Peak Power         10000VA           On-load Motor Capacity         4HP           Output Frequency Range(Hz)         50Hz±0.3Hz/60Hz±0.3Hz           Maximum Efficiency         >90%	Rated Output Power (VA)	5000( 4350/4500/4800/5000)				
On-load Motor Capacity     4HP       Output Frequency Range(Hz)     50Hz±0.3Hz/60Hz±0.3Hz       Maximum Efficiency     >90%	Rated Output Power(W)	5000( 4350/4500/4800/5000)				
Output Frequency Range(Hz) 50Hz±0.3Hz/60Hz±0.3Hz  Maximum Efficiency >90%	Peak Power	10000VA				
Maximum Efficiency >90%	On-load Motor Capacity	4HP				
	Output Frequency Range(Hz)	50Hz±0.3Hz/60Hz±0.3Hz				
No-load Loss Non Energy-saving Mode: <50W Energy-saving Mode: <25W (Manual Setup)	Maximum Efficiency			>90%		
	No-load Loss	Non Ene	ergy-saving Mode: <50	OW Energy-saving M	ode: <25W (Manual	Setup)

## Introduction

This power Stacked mode lifepo4 lithium battery belongs to one of the series of household energy storage products that are independently designed and developed. It has long cycle life, high safety standard BMS software protection and strong housing, exquisite looks, and easy installation, etc. It is widely used in energy storage system with off-grid inverters, on-off grid inverters and hybrid inverters.

#### **Feature**

- >6000 times deep cycle charge and discharge
- 5.12kWh per pack, Max.15 packs in parallel
- Protection functions of BMS ensure the safety and long service life
- Modular design, light weight, small size, easy installation

## **Application**







Villa School

Supermarket



#### Suzhou Preta Intelligence and Technology Co., Itd

No..55 Shangxiang Road, Huaqiao Corporation Head Quarter Centre,

Kunshan City, Suzhou City, China

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Mail: info@pretapower.com
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