



IEETek



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LEADING
PROVIDER & MANUFACTURER
OF SOLAR ENERGY
STORAGE SOLUTIONS



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Company Profile

Zhuhai Initial Entropy Energy Co., Ltd. (IEETek) is a leading provider and manufacturer of solar energy storage solutions. We are committed to providing safe, reliable, and clean all-scenario energy solutions for households, businesses, and individual users worldwide.

IEETek's R&D center and smart factory in Zhuhai, China covers an area of 7,000 square meters. Our R&D team members have an average of over 15 years of experience in the energy technology field. We have obtained a series of competitive technology patents and international product certification. Our core products include Portable All-in-one ESS, Portable Power Stations, Portable Solar Panels, and Energy Storage Solutions. Our products have been exported to the United States, Japan, South Africa, Germany, the United Kingdom, Australia, Ukraine, France, the Netherlands, Greece, Sweden, Portugal, Turkey, Slovenia, Armenia, UAE, Cambodia, Vietnam, Pakistan, India, Nigeria, and other countries and regions, and are highly recognized by our global customers for their excellent performance and stability. Our mission is to make sustainable green living accessible to everyone, and IEETek strives to create a new ecosystem for clean energy that serves global users.



ISO 9001:2015
Quality Management
System Certification



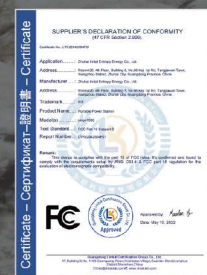
Patent Certification



CE Certification



RCM Certification



FCC Certification



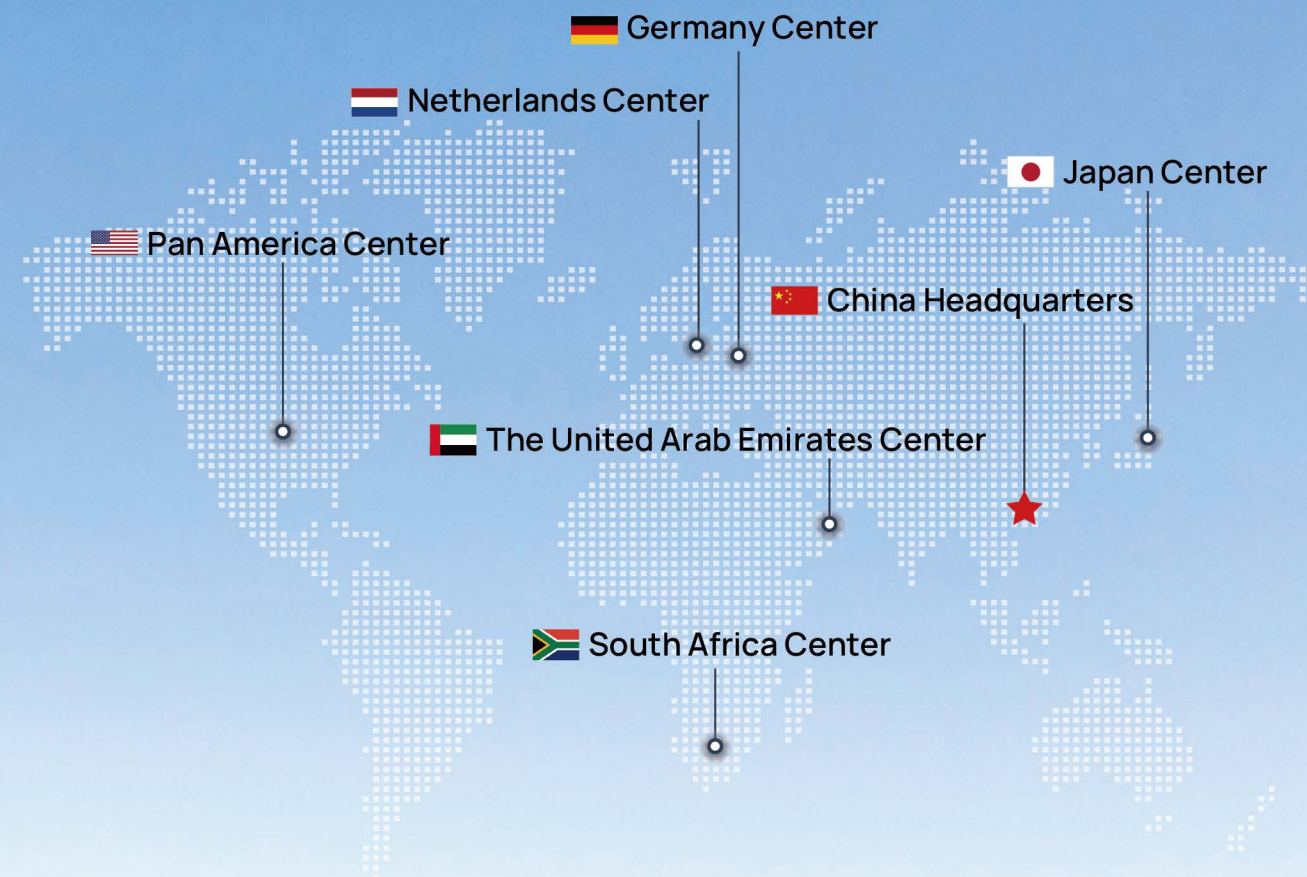
UN38.3 Certification



PSE Certification



CAN/UL 2743 Certification





Our Strong R&D team

We have a strong team of professional R&D engineers with excellent independent research and development abilities. With over 15 years of experience in the research and manufacturing of solar inverters and energy storage products, the key members are experts from well-known domestic and international power electronics companies. Through our investment in R&D and technological innovation, we have acquired multiple patents in the field of energy conversion and energy management.



PORTABLE POWER STATION 800W



- 100%, 1.2 hours
Super Fast Recharge
- Versatile
Output Ports
- 800W, Surge 1600W
AC Output
- 10ms Switching Time
Seamless EPS
- Ultra-low Standby
Power Consumption
- LiFePO₄ Battery Cells
4000+ Lifecycle



PowerMax series



Model	P800	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	512	
Battery Input Nominal Voltage (V)	25.6	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	20	
Nominal Discharging Current (A)	40	
Max. Discharging Current (A)	50	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	600	
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~130	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.95	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	300	
DC Input Voltage Range (V)	12~60	
Max DC/PV Input Current (A)	10	
AC Output		
Nominal AC Power (W)	800	
Surge Power (W)	1600	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	8/7.2/6.6	3.6/3.5/3.3
THDv at Nominal Power (%)	< 1.5	
DC Output		
TYPE-C1	100W(5V≡3A 9V≡3A 12V≡3A 15V≡3A 20V≡5A)	
TYPE-C2/TYPE-C3	30W(5V≡3A 9V≡3A 12V≡2.5A 15V≡2A 20V≡1.5A)	
USB-A1/USB-A2	30W(5V≡3A 9V≡3A 12V≡3A)	
TYPE-C2 and USB-A2 connected simultaneously	Two ports fixed 5V≡3A output	
TYPE-C3 and USB-A1 connected simultaneously	Two ports fixed 5V≡3A output	
Car charger and 5525 DC port Total Max. Output Power	132W	
Car Port (x1)	13.2V≡10A	
5525 DC Port (x2)	13.2V≡8A	
Efficiency		
Battery to AC Max (%)	94.0	95.0
AC to Battery Max (%)	94.0	95.0
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W/H/D) (mm)	299*191.4*196.6mm	
Weight (Kg)	6.55	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging), -15~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 60	
Communication Interface	Wi-Fi/Bluetooth (Optional)	
LED Light (W)	3W	



PORTABLE POWER STATION 1.8kW

- 

100%, 1.2 hours
Super Fast Recharge
- 

Versatile
Output Ports
- 

1800W, Surge 3600W
AC Output
- 

10ms Switching Time
Seamless EPS
- 

Ultra-low Standby
Power Consumption
- 

LiFePO₄ Battery Cells
4000+ Lifecycle

PowerMax series



Model	P1800	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	1024	
Battery Input Nominal Voltage (V)	51.2	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	20	
Nominal Discharging Current (A)	40	
Max. Discharging Current (A)	50	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	1200	
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~130	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	500	
DC Input Voltage Range (V)	10~52	
Max DC/PV Input Current (A)	11	
AC Output		
Nominal AC Power (W)	1800	
Surge Power (W)	3600	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	18/16/15	8.2/7.8/7.5
THDv at Nominal Power (%)	< 1.5	
DC Output		
TYPE-C1	100W(5V≡3A 9V≡3A 12V≡3A 15V≡3A 20V≡5A)	
TYPE-C2/TYPE-C3	30W(5V≡3A 9V≡3A 12V≡2.5A 15V≡2A 20V≡1.5A)	
USB-A1/USB-A2/USB-A3	30W(5V≡3A 9V≡3A 12V≡3A)	
TYPE-C2 and USB-A2 connected simultaneously	Two ports fixed 5V≡3A output	
TYPE-C3 and USB-A1 connected simultaneously	Two ports fixed 5V≡3A output	
Car charger and 5525 DC port Total Max. Output Power	132W	
Car Port (x1)	13.2V≡10A	
5525 DC Port (x2)	13.2V≡8A	
Efficiency		
Battery to AC Max (%)	94.5	96.0
AC to Battery Max (%)	94.5	96.0
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W/H/D) (mm)	361.5*269.5*232.6mm	
Weight (Kg)	12.7	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging) , -15~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 65	
Communication Interface	Wi-Fi/Bluetooth	
LED Light (W)	3W	



PORTABLE POWER STATION 2.4kW



100%, 1.5 hours
Super Fast Recharge

Versatile
Output Ports

Max. 2400W High Power
AC Output

10ms Switching Time
Seamless EPS

Rugged Wheels and
Telescopic Pull Handle
Convenient Transport

LiFePO₄ Battery Cells
4000+ Lifecycle

Model	P2400	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	2048	
Battery Input Nominal Voltage (V)	51.2	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	50	
Nominal Discharging Current (A)	70	
Max. Discharging Current (A)	90	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	1800	
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~130	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	500	
DC Input Voltage Range (V)	12~60	
Max DC/PV Input Current (A)	10	
AC Output		
Nominal AC Power (W)	2400	
Surge Power (W)	4800	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	24/21.8/20	11/10.4/10
THDv at Nominal Power (%)	< 1.5	
DC Output		
TYPE-C1/TYPE-C2	5V≍3A 9V≍3A 12V≍3A 15V≍3A 20V≍5A	
TYPE-C1 and TYPE-C2 connected simultaneously	Two ports fixed 5V≍3A output	
TYPE-C3/TYPE-C4	5V≍3A 9V≍3A 12V≍2.5A 15V≍2A 20V≍1.5A	
USB-A1/USB-A2/USB-A3/USB-A4	5V≍3A 9V≍3A 12V≍3A	
TYPE-C3 and USB-A2 connected simultaneously	Two ports fixed 5V≍3A output	
TYPE-C4 and USB-A1 connected simultaneously	Two ports fixed 5V≍3A output	
USB-A3 and USB-A4 connected simultaneously	Two ports fixed 5V≍3A output	
Car charger and 5525 DC port Total Max. Output Power	132W	
Car Port (x1)	13.2V≍10A	
5525 DC Port (x2)	13.2V≍8A	
Efficiency		
Battery to AC Max (%)	93	94
AC to Battery Max (%)	93	94
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W/H/D) (mm)	445*298*371mm	
Weight (Kg)	23.4	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging), -15~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 65	
Communication Interface	Wi-Fi/Bluetooth	
LED Light (W)	3W	



PORTABLE POWER STATION 3.2kW



100%, 1.5 hours
Super Fast Recharge



Versatile
Output Ports



Max. 3200W High Power
AC Output



10ms Switching Time
Seamless EPS



Rugged Wheels and
Telescopic Pull Handle
Convenient Transport



LiFePO₄ Battery Cells
4000+ Lifecycle

PowerMax series



Model	P3200	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	2048	
Battery Input Nominal Voltage (V)	51.2	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	50	
Nominal Discharging Current (A)	70	
Max. Discharging Current (A)	90	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	1800	
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~130	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	1000	
DC Input Voltage Range (V)	12~80	
Max DC/PV Input Current (A)	16	
AC Output		
Nominal AC Power (W)	3200	
Surge Power (W)	6400	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	32/29/26.6	14.5/13.9/13.3
THDv at Nominal Power (%)	< 1.5	
DC Output		
TYPE-C1/TYPE-C2	5V≍3A 9V≍3A 12V≍3A 15V≍3A 20V≍5A	
TYPE-C1 and TYPE-C1 connected simultaneously	Two ports fixed 5V≍3A output	
TYPE-C3/TYPE-C4	5V≍3A 9V≍3A 12V≍2.5A 15V≍2A 20V≍1.5A	
USB-A1/USB-A2/USB-A3/USB-A4	5V≍3A 9V≍3A 12V≍3A	
TYPE-C3 and USB-A2 connected simultaneously	Two ports fixed 5V≍3A output	
TYPE-C4 and USB-A1 connected simultaneously	Two ports fixed 5V≍3A output	
USB-A3 and USB-A4 connected simultaneously	Two ports fixed 5V≍3A output	
Car charger and 5525 DC port Total Max. Output Power	132W	
Car Port (x1)	13.2V≍10A	
5525 DC Port (x2)	13.2V≍8A	
Efficiency		
Battery to AC Max (%)	93	94
AC to Battery Max (%)	93	94
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W/H/D) (mm)	445*298*371mm	
Weight (Kg)	24.35	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging) , -15~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 65	
Communication Interface	Wi-Fi/Bluetooth	
LED Light (W)	3W	



PORTABLE POWER STATION 1kW



- 

100%, 1.5hour
Super Fast Recharge
- 

LiFePO₄ Battery
Safety Guarantee
- 

Wireless
Charger
- 

10ms Switching Time
Seamless EPS
- 

1000W, Surge 2000W
AC Output
- 

APP
Smart Control



Singo series



Model	Singo600		Singo1000	
	120Vac	230Vac	120Vac	230Vac
Battery Input				
Cell Type	LiFePO ₄			
Battery Capacity (Wh)	672		1008	
Battery Input Nominal Voltage (V)	22.4			
Battery Input Voltage Range (V)	18.2~26			
Nominal Charging Current (A)	25		36	
Nominal Discharging Current (A)	50		50	
Max. Discharging Current (A)	80		80	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+			
AC Input				
AC Charging Power (W)	480		800	
Nominal Voltage (Vac)	120	230	120	230
Voltage Range (V)	90~140	180~270	90~140	180~270
Nominal Frequency (Hz)	60	50	60	50
Frequency Range (Hz)	55~65	45~55	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99			
DC Input				
Max. Car Charging Input Power (W)	120			
Max. Solar Charging Input Power (W)	200			
DC Input Voltage Range (V)	10~30			
Max DC/PV Input Current (A)	10			
AC Output				
Nominal AC Power (W)	600		1000	
Surge Power (W)	1200		2000	
Nominal Grid Voltage (Vac)	120	230	120	230
Nominal Grid Frequency (Hz)	60	50	60	50
Nominal AC Current (A)	5	2.6	8.3	4.3
THDv at Nominal Power (%)	< 1.5			
DC Output				
USB-A (x1)	12W, 5V≡2.4A			
QC3.0 (x2)	18W Max per port, 5V≡3A, 9V≡2A, 12V≡1.5A			
USB-TypeC (x2)	100W Max per port, 5V≡9V, 12V≡3A, 20V≡5A			
Car Port and DC Port Totally Max. Output	132W			
Car Port (x1)	132W, 13.2V≡10A			
DC Port (x2)	132W Max per port, 13.2V≡10A			
Wireless Charger (W)	10			
Efficiency				
Battery to AC Max (%)	92.5	93.0	92.5	93.0
AC to Battery Max (%)	92			
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage			
General Data				
Dimensions (W/H/D) (mm)	348*264*192			
Weight (Kg)	9.5		11.1	
LCD (mm)	82*48			
Cooling	Forced Air Cooling			
Operation Temperature Range	0~40°C (Charging) , -15~+40°C (Discharging)			
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation			
Ingress Protection	IP20			
Noise (dB)	< 65			
Communication Interface	Wi-Fi/Bluetooth			
LED Light (W)	3W			



PORTABLE POWER STATION

2.4kW



1920Wh
High Capacity



100%, 1.5 hours
Super Fast Recharge



10ms Switching Time
Seamless EPS



BMS
Protection & Safety



2400W, Surge 4800W
AC Output



Versatile
Output Ports

Singo series



Model	Singo2000 Plus	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	1920	
Battery Input Nominal Voltage (V)	48	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	50	
Nominal Discharging Current (A)	70	
Max. Discharging Current (A)	90	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	1800	1800
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~135	180~264
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	500	
DC Input Voltage Range (V)	12~60	
Max DC/PV Input Current (A)	10	
AC Output		
Nominal AC Power (W)	2400	
Surge Power (W)	4800	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	24/21.8/20	11/10.4/10
THDv at Nominal Power (%)	< 1.5	
DC Output		
USB-A (x1)	12W, 5V≡2.4A	
QC3.0 (x2)	18W each, 5V≡3A, 9V≡2A, 12V≡1.5A	
USB-TypeC (x2)	100W each, 5V, 9V, 12V, 15V≡3A, 20V≡5A	
Car Port and DC Port Totally Max. Output	132W	
Car Port (x1)	132W, 13.2V≡10A	
DC Port (x2)	132W each, 13.2V≡10A	
Efficiency		
Battery to AC Max (%)	93.0	94.0
AC to Battery Max (%)	93.0	
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W/H/D) (mm)	355*355*226	
Weight (Kg)	21	
LCD (mm)	97*48	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging) , -20~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 65	
Communication Interface	WiFi/Bluetooth	
LED Light (W)	3W	



PORTABLE POWER STATION

3.2kW Stackable



Up to 8.2kWh Expandable Home Battery Backup



Max. 3200W High Power AC Output



Super Fast Recharge from 0% to 100% in 1.5 Hours



Versatile Output Ports



10ms Switching Time Seamless EPS



LiFePO₄ Battery Cells 4000+ Lifecycle



Model	Singo3000	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	2048	
Battery Input Nominal Voltage (V)	51.2	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	50	
Nominal Discharging Current (A)	70	
Max. Discharging Current (A)	90	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	Single: 1800 Parallel: 1800	Single: 1800 Parallel: 2500
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	90~140	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	>0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	1000	
DC Input Voltage Range (V)	12~80	
Max. DC/PV Input Current (A)	16	
AC Output		
Nominal AC Power (W)	3200	
Surge Power (W)	6400	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	32/29/26.6	14.5/13.9/13.3
THDv at Nominal Power	<1.5%	
DC Output		
USB-A (x1)	12W, 5V≐2.4A	
QC3.0 (x2)	18W each, 5V≐3A, 9V≐2A, 12V≐1.5A	
USB-TypeC (x2)	100W each, 5V, 9V, 12V, 15V≐3A, 20V≐5A	
Car Port and DC Port Total Max. Output Power	132W	
Car Port (x1)	132W, 13.2V≐10A	
DC Port (x2)	132W, 13.2V≐10A	
Efficiency		
Battery to AC Max. (%)	93	94
AC to battery Max. (%)	93	94
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage	
General Data		
Dimensions (W*H*D) (mm)	355*328*299	
Weight (Kg)	23.7	
LCD (mm)	97*48	
Cooling	Forced Air Cooling	
Operation Temperature Range (°C)	0~40°C (charging) , -20~+40°C (discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non condensation	
Ingress Protection	IP20	
Noise (dB)	<65dB	
Communication Interface	Wi-Fi / Bluetooth	
LED Light	3W	



P2000 EXPANSION BATTERY

For Singo3000



Modular Design
No extra cables needed.



Seamless Compatibility
Effortlessly pairs with Singo3000



2048Wh Large Capacity
Expand Up to 8.2kWh



LiFePO₄ Battery Cells
Cells 4000+ Lifecycle



Built-in BMS
Full protection for Safety

Battery Pack Power Switch



Operation Indicator

Battery SOC Indicator

Fault Warning Indicator



Singo series



Singo3000

2048Wh



**Singo3000
1*P2000**

4096Wh



**Singo3000
2*P2000**

6144Wh



**Singo3000
3*P2000**

8192Wh

Top Side



Battery Connector Base

Bottom Side



Battery Connector Terminal

Model	P2000
Battery Input	
Cell Type	LiFePO ₄
Battery Capacity (Wh)	2048
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
General Data	
Dimensions (W*H*D) (mm)	355*187*299
Weight (Kg)	18.05
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH(%)]	0~95%, Non condensation



PORTABLE POWER STATION SPLIT PHASE 5kW



Power Low-voltage and
High-voltage Loads



100%, 1.5hour
Super Fast Recharge



2.56~10.24kWh Expandable
Battery Capacity



Max. 5000W High Power
AC Output



10ms Switching Time
Seamless EPS



APP Smart Control



StackPower series



Model	SP5000
Battery Input	
Battery Capacity (Wh)	5120
Battery Input Nominal Voltage (V)	51.2
Battery Input Voltage Range (V)	40~60
Max. Charging Current (A)	80
Max. Discharging Current (A)	100
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
AC Input (Split Phase, L1- L2-N)	
AC Charging Power (W)	3450
Nominal Voltage (Vac)	220/230/240
Voltage Range (Vac)	180~260
Nominal Frequency (Hz)	60
Max. AC Input Current (A)	16
Power Factor (@Max. Charging Power)	> 0.99
AC Input (Single Phase, L1-N)	
AC Charging Power (W)	1800
Nominal Voltage (Vac)	100/110/120
Voltage Range (Vac)	90~130
Nominal Frequency (Hz)	60
Max. AC Input Current (A)	16
Power Factor (@Max.Charging Power)	> 0.99
AC Output (Split Phase, L1 - L2-N)	
Nominal AC Power (W)	5000
Surge Power (W)	9000
Nominal Grid Volatge (Vac)	220/230/240
Nominal Grid Frequency (Hz)	60
Max. AC Current (A)	21
THDv at Nominal Power (%)	<1.5
AC Output (Single Phase, L1-N/L2-N)	
Nominal AC Power (W)	2500
Surge Power (W)	4500
Nominal Grid Voltage (Vac)	100/110/120
Nominal Grid Frequency (Hz)	60
Max. AC Current (A)	21
THDv at Nominal Power (%)	<1.5
DC Input (XT60)	
Max. Input Power (W)	1000
Input Voltage Range (V)	12~80
Max. Input Current (A)	16
DC Output	
USB-A (QC) (x2)	5V=3A, 9V=2A, 12V=1.5A
USB-TypeC (x2)	5V=3A, 9V=3A, 12V=3A, 20V=5A
Car Port (x1)	12V=10A
XT60 (x1)	12V=30A, 24V=25A, 36V=20A
Efficiency	
Battery to AC Max. (%)	94
AC to Battery Max. (%)	94
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; Inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage
General Data	
Dimensions (W/H/D) (mm)	450*538*352mm; (Inverter: 450*143*352 mm; Battery:450*152*352 mm)
Weight (Kg)	65.2 (Inverter:11.7; Battery: 28.4)
LCD (mm)	80*64
Cooling Concept	Forced Air Cooling
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH(%)]	10~90%
Ingress Protection	IP20
Noise (dB)	< 65
Communication Interface	Wi-Fi / Bluetooth



PORTABLE POWER STATION

5kW



- 

2.56~10.24kWh Expandable Battery Capacity
- 

3450W AC Super Charge
- 

5000W High Power AC Output
- 

Pure Sine Wave Output THDv<1.5%
- 

10ms Switching Time Seamless EPS
- 

APP Smart Control

StackPower series



Model	SE5000
Battery Input	
Battery Capacity (Wh)	5120
Battery Input Nominal Voltage (V)	51.2
Battery Input Voltage Range (V)	40~60
Nominal. Charging Current (A)	80
Nominal. Discharging Current (A)	100
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
AC Input	
AC Charging Power (W)	3450
Nominal Voltage (Vac)	220/230/240
Voltage Range (V)	180~260
Nominal Frequency (Hz)	50
Max. AC Input Current (A)	16
Power Factor (@Max. Charging Power)	> 0.99
AC Output	
Nominal AC Power (W)	5000
Surge Power (W)	9000
Nominal Grid Voltage (Vac)	220/230/240
Nominal Grid Frequency (Hz)	50
Nominal AC Current (A)	21
THDv at Nominal Power (%)	<1.5
DC Input (XT60)	
Max. Input Power (W)	1000
Input Voltage Range (V)	12~80
Max. Input Current (A)	16
DC Output	
USB-A (QC) (x2)	5V≡3A, 9V≡2A, 12V≡1.5A
USB-TypeC (W)	5V≡3A, 9V≡3A, 12V≡3A, 20V≡5A
Car port (x1)	12V≡10A
XT60 (x1)	12V≡30A, 24V≡25A, 36V≡20A
Efficiency	
Battery to AC Max. (%)	93
AC to Battery Max. (%)	92
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage
General Data	
Dimensions (W/H/D) (mm)	450*538*352mm; (Inverter: 450*143*352 mm; Battery:450*152*352 mm)
Weight (Kg)	65.2 (Inverter:11.7; Battery: 28.4)
LCD (mm)	80*64
Cooling	Forced Air Cooling
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH (%)]	10~90%
Ingress Protection	IP20
Noise (dB)	<65
Communication Interface	Wi-Fi / Bluetooth



B2560 EXPANSION BATTERY

For SP5000/SE5000



Modular Design
No extra cables needed.



One-Click Lock
Securely fasten multiple packs in seconds, tool-free.



Seamless Compatibility
Effortlessly pairs with SP5000 & SE5000



2560Wh Large Capacity
Expand Up to 10.24kWh



LiFePO₄ Battery Cells
4000+ Lifecycle



Built-in BMS
Full protection for Safety

Power ON/OFF Switch



Battery SOC Indicator



Operation Indicator

Fault Warning Indicator



SP5000/SE5000
Standard 2*B2560
5120Wh



SP5000/SE5000
Standard 3*B2560
7680Wh



SP5000/SE5000
Standard 4*B2560
10240Wh

.....
Higher Capacity
Customizable

Top Side



Battery Connector Base

Bottom Side



Battery Connector Terminal

Model	B2560
Battery Input	
Cell Type	LiFePO ₄
Battery Capacity (Wh)	2560
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
General Data	
Dimensions (W*H*D) (mm)	450*152*352
Weight (Kg)	28.4
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH(%)]	0~95%, Non condensation

FOLDABLE SOLAR PANEL



Model	SP100	SP200	SP400
Electrical Parameters			
Cell Type	Monocrystalline Silicona	Monocrystalline Silicona	Monocrystalline Silicona
Output Power	100W Max. (25W*4)	200W Max. (50W*4)	400W Max. (100W*4)
MC4	18V/5.6A	24V/8.33A	44V/10A
Working Voltage	18V	24V	44V
Working Current	5.6A	8.33A	10A
Open Circuit Voltage	21.6V	28.8V	52.8V
Short Circuit Current	6.16A	9.12A	10A
Conversion Efficiency	21~23%	21~23%	21~23%
Working Temperature	-20°C~+70°C	-20°C~+70°C	-20°C~+70°C
Physical Parameters			
Ingress Protection	IP67	IP67	IP67
Folding Type	4 Fold	4 Fold	4 Fold
Folded Dimension	387*609*30(mm)	610*608*45(mm)	725*990*45(mm)
Unfolded Dimension	1250*609*10(mm)	2074*608*30(mm)	2617*990*30(mm)
Net Weight	5(kg)	8(kg)	16.3(kg)



PORTABLE ALL-IN-ONE ESS



Faster Charging Time
0~100% in 1.5 hours
5.12kWh/module



Built-in Dual MPPT
High Voltage: Max. 3000W
Low Voltage: Max. 600W



Rugged Wheels and
Telescopic Pull Handle
Convenient Transport



EPS Function Switch
Time≤10ms



Max 16A Input Current to
Better Match High
Power Panel



Modular Design and
Expandable Up to
10kWh

Telescopic Pull Handle



Anti-tip Device

Wheels

Hybrid Inverter Module



Battery Module

Si-Hybrio series



Model	SH4000
Battery Input	
Cell Type	LiFePO ₄
Battery Capacity (Wh)	5120
Battery Input Nominal Voltage (V)	51.2
Battery Input Voltage Range (V)	40~60
Nominal Charging Current (A)	65
Nominal Discharging Current (A)	90
Max. Discharging Current (A)	100
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
AC Input	
AC Charging Power (W)	3600
Nominal Voltage (Vac)	220/230/240
Voltage Range (V)	180~270
Nominal Frequency (Hz)	50
Frequency Range (Hz)	45~55
Power Factor (@Max. Charging Power)	>0.99
AC Output	
Nominal AC Power (W)	4000
Surge Power (W)	8000
Nominal Grid Voltage (Vac)	220 / 230 / 240
Nominal Grid Frequency (Hz)	50
Nominal AC Current (A)	18.2/17.4/16.6
THDv at Nominal Power (%)	<1.5
PV Input(HV) MC4	
Max. Solar Charging Input Power (W)	3000
DC Input Voltage Range (V)	70~450
Max. DC / PV Input Current (A)	16
DC Input(LV) XT60	
Max. Car Charging Input Power (W)	120
Max. Solar Charging Input Power (W)	600
DC Input Voltage Range (V)	12~50
Max. DC / PV Input Current (A)	16
DC Output	
XT60	12V=30A, 24V=25A, 36V=20A
USB-TypeC (x2)	100W, 5V, 9V, 12V, 15V=3A, 20V=5A
Efficiency	
Battery to AC Max (%)	93.0
AC to Battery Max (%)	93.0
PV to AC Max (%)	97.5
PV to Battery Max (%)	95.0
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; Inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage
General Data	
Dimensions (W/H/D) (mm)	510*673*266mm; (Inverter: 510*216*208 mm; Battery:510*375*198 mm; Base: 510*82*256 mm)
Weight (Kg)	65
LCD (mm)	97*48
Cooling	Smart Fan Cooling
Operation Temperature Range (°C)	0~40°C (Charging) , -20~+40°C (Discharging)
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation
Ingress Protection	IP54 (IP65 Customized Available)
Noise (dB)	< 40
Communication Interface	Wi-Fi/Bluetooth

APPLICATION

