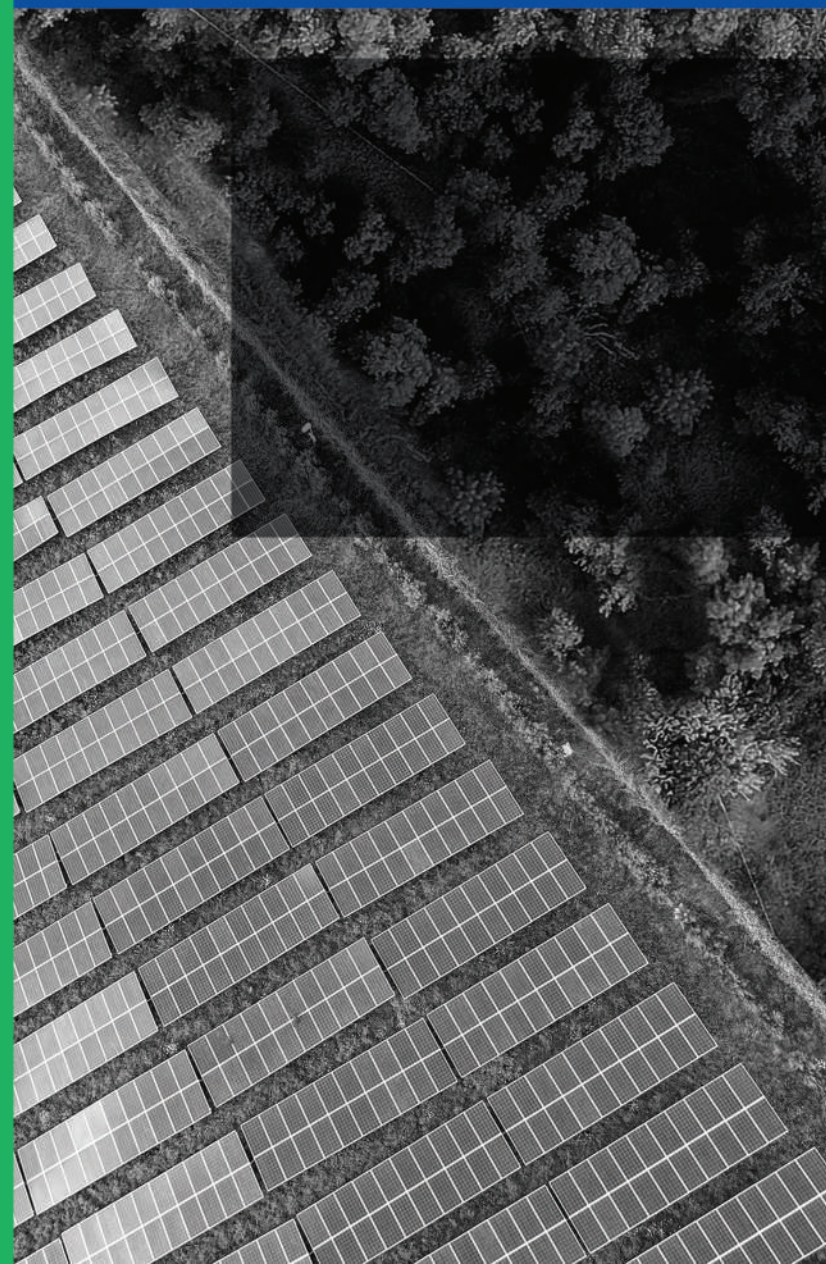


Portable Battery Energy Storage System

2025



EP-P3000

Power storage generator



Pure sine wave



Safety



Durable



Multiple charging options



Features

- Plastic sprayed sheet metal body, rugged and durable, can prevent dust, short rain, etc;
- High power and large capacity, long range, easy to meet the needs of various scenes;
- Pure sine wave output, supporting the function of charging and discharging at the same time;
- Supports PV panels plus solar controller input;
- IP44 rated for rain protection;
- LiFePO4 battery with a theoretical service life of up to 5000 + cycles;
- BMS battery management system and has a range of protection features;

Applications



Family



Site



Roadwork



Maintenance



Decoration

Options/Appearance



Customizable configuration



Optional PV



caravanning

Product Specifications-P3000

ENéRVIA
Power

Model	EP-P3000
Power	
Rated Power	3000W
Peak Power	6000W
Battery	
Standard Battery Voltage	44.8V
Battery Type	LiFePO4
Rated Power Consumption	3136Wh
Charging Time	≤2H
MPPT Solar Controller	
MPPT tracking range	2~150v
Maximum PV input power	1920w
Rated charging current	40A
Rated discharge current	20A
AC Input	
Charging Power (MAX)	1500W
Input Voltage	220VAC
Input Current	7A
Input Frequency of Mains Power	50Hz/60Hz
AC Output	
Output Wave	Pure Sine Wave
Conversion Efficiency	95%(Peak Value)
Output Voltage/Frequency	220V 13A/50Hz/60Hz
Others	
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.
IP Grade	IP44
Display Way	LCD
Cooling Method	Intelligent Fan Control
Cycle Life	5000+Times
Operation Temperature	
Spare Parts	AC Charging Cable x 1pc/Solar Charging Cable x 1pc/Instruction Manual x 1pc
Dimension	
Product Dimension(L*W* Hmm)	460x340x420mm
Packing Dimension(L*W* Hmm)	650x520x620mm
N.W.(kg)	44
G.W.(kg)	53

EP-P5000

Power storage generator



Pure sine wave



Safety



Durable



Multiple charging options



Features

- Plastic sprayed sheet metal body, rugged and durable, can prevent dust, short rain, etc;
- 5KW/5kWh high power and large capacity, long range, easy to meet the needs of various scenes;
- Pure sine wave output, supporting the function of charging and discharging at the same time;
- Supports PV panels plus solar controller input;
- IP44 rated for rain protection;
- LiFePO4 battery with a theoretical service life of up to 5000 + cycles;
- BMS battery management system and has a range of protection features;

Applications



Family



Site



Roadwork



Maintenance



Decoration

Options/Appearance



Customizable configuration



Optional PV



Road maintenance

Product Specifications-P5000

ENéRVIA
Power

Model	EP-P5000
Power	
Rated Power	5000W
Peak Power	10KW
Battery	
Standard Battery Voltage	51.2V
Battery Type	LiFePO4
Rated Power Consumption	5324Wh
Charging Time	≤2H
MPPT Solar Controller	
MPPT tracking range	2~150v
Maximum PV input power	1920w
Rated charging current	40A
Rated discharge current	20A
AC Input	
Charging Power (MAX)	1800W
Input Voltage	220VAC
Input Current	8A
Input Frequency of Mains Power	50Hz/60Hz
AC Output	
Output Wave	Pure Sine Wave
Conversion Efficiency	95%(Peak Value)
Output Voltage/Frequency	220V 16A/220V 30A (Optional Selection) 50Hz/60Hz
Others	
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.
IP Grade	IP44
Display Way	LCD
Cooling Method	Intelligent Fan Control
Cycle Life	5000+Times
Operation Temperature	-20 ~40
Spare Parts	AC Charging Cable x 1pc/Solar Charging Cable x 1pc/Instruction Manual x 1pc
Dimension	
Product Dimension(L*W* Hmm)	580x450x460mm
Packing Dimension(L*W* Hmm)	700x670x670mm
N.W.(kg)	68
G.W.(kg)	80

EP-P10K

Power storage generator



Pure sine wave



Safety



Durable



Multiple charging options



Features

- Plastic sprayed sheet metal body, rugged and durable, can prevent dust, short rain, etc;
- 10KW/15kWh high power and large capacity, long range, easy to meet the needs of various scenes;
- Pure sine wave output, supporting the function of charging and discharging at the same time;
- Supports PV panels plus solar controller input;
- IP44 rated for rain protection;
- LiFePO4 battery with a theoretical service life of up to 5000 + cycles;
- BMS battery management system and has a range of protection features;

Options/Appearance



Customizable configuration

Optional PV

Applications



Family



Site



Roadwork



Maintenance



Decoration



site construction

ENéRVIA
Power

Product Specifications-P10K

Model	EP-P10K-10kWh	EP-P10K-15kWh
Power		
Rated Power	10KW	
Peak Power	20kW	
Battery		
Standard Battery Voltage	51.2V	
Battery Type	LiFePO4	
Rated Power Consumption	10kWh	15kWh
Charging Time	≤5H	≤7H
AC Input		
Charging Power (MAX)	2200W	
Input Voltage	220/120VAC	
Input Current	20A	
Input Frequency of Mains Power	50Hz/60Hz	
AC Output		
Output Wave	Pure Sine Wave	
Conversion Efficiency	95%(Peak Value)	
Output Voltage/Frequency	220V 16A/220V 30A (Optional Selection) / 50Hz/60Hz	
Others		
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.	
IP Grade	IP44	
Display Type	LCD	
Cooling Method	Intelligent Fan Control	
Cycle Life	5000+Times	
Operation Temperature	-20 ~40	
Spare Parts	AC Charging Cable x 1pc/Solar Charging Cable x 1pc/Instruction Manual x 1pc	
Dimension		
Product Dimension(L*W* Hmm)	930*703*1000	
Packing Dimension(L*W* Hmm)	1080*803*1110	
N.W.(kg)	107	142
G.W.(kg)	129	164

EP-P 20K/30K

Power storage generator



Pure sine wave



Safety



Durable



Multiple charging options



Features

- Plastic sprayed sheet metal body, rugged and durable, can prevent dust, short rain, etc;
- 20KW/40kWh&30KW/60kWh high power and large capacity, long range, easy to meet the needs of various scenes;
- Pure sine wave output, supporting the function of charging and discharging at the same time;
- Supports PV panels plus solar controller input;
- IP44 rated for rain protection;
- LiFePO4 battery with a theoretical service life of up to 5000 + cycles;
- BMS battery management system and has a range of protection features;

Options/Appearance



Customizable configuration

Optional PV

Applications



Family



Site



Roadwork



Maintenance



Decoration



site construction

Product Specifications-P20K/30K

ENéRVIA
Power

Model	P20K	P30K
Power		
Rated Power	20KW	30KW
Peak Power	40KW	60KW
Battery		
Standard Battery Voltage	51.2V	
Battery Type	LiFePO4	
Rated Power Consumption	30kWh	45KWH
Charging Time	5H	8H
AC Input		
Input Voltage	380&220VAC/220&120VAC	
Input Current	20A	
Input Frequency of Mains Power	50Hz/60Hz	
AC Output		
Output Wave	Pure Sine Wave	
Conversion Efficiency	95%(Peak Value)	
Output Voltage/Frequency	220V 16A/220V 30A (Optional 60A) /50Hz/60Hz	
Others		
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.	
IP Grade	IP44	
Display Type	LCD	
Cooling Method	Intelligent Fan Control	
Cycle Life	5000+Times	
Operation Temperature	-20 ~40	
Spare Parts	AC Charging Cable x 1pc/Solar Charging Cable x 1pc/Instruction Manual x 1pc	
Dimension		
Product Dimension(L*W* Hmm)	1000*650*1150	1350*700*1380
Packing Dimension(L*W* Hmm)	1150*800*1280	1550*880*1520
N.W.(kg)	276	398
G.W.(kg)	315	450

EP-CG 20K/30K

Power Storage Charging Station



- 
Pure sine wave
- 
Safety
- 
Durable
- 
Smart Chip Management

Features

- Plastic sprayed sheet metal body, rugged and durable, can prevent dust, short rain, etc;
- 10KW/15kWh high power and large capacity, long range, easy to meet the needs of various scenes;
- Stable output, equipped with high-power charging and intelligent cooling fan, easing the pressure on the power grid during peak hours;
- Using energy storage to store electricity during low price periods and release it at peak times to reduce electricity costs;
- Uses long-life, high-security lithium batteries;
- BMS battery management system and has a range of protection features;

Applications

Daily peak and valley power usage for your family will not only save you money on your electricity bill, but also eliminate the hassle of finding charging posts and waiting in line.



Options/Appearance



Optional charging gun and PV panels



Household daily use

Product Specifications-CG-20K/30K

ENéRVIA
Power

Model	EP-CG-20	EP-CG-30
Power		
Rated Power	20KW	30KW
Battery		
Standard Battery Voltage	180V	
Battery Type	LiFePO4	
Charging Voltage	DC/AC220V	
Rated Power Consumption	45kWh	60kWh
AC Output		
Charge Rate	0.5C	0.5C
Output Voltage	120/220VAC	
Output Voltage	32A	32A
Charging Power	7KW	7KW
Others		
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.	
Display Type	LCD	
Cooling Method	Intelligent Fan Control	
Cycle Life	5000 times	
Operation Temperature	-10 -40	
Spare Parts	Cable*1pcs	
Dimension		
Product Dimension(L*W* Hmm)	1200*800*900	1500*965*1050
Packing Dimension(L*W* Hmm)	1350*950*1020	1650*1090*1180
N.W.(kg)	396	550
G.W.(kg)	450	650

EP-SP Series Portable Power Station



Features

- Metal body, sturdy and durable;
- Lithium iron phosphate battery, theoretical life up to 5000 cycles;
- Pure sine wave output;
- Self-contained super bright LED;
- Supports the function of charging and discharging at the same time;
- Rich USB peripheral interface configuration;
- Equipped with multiple protection mechanisms, such as overcharge protection, over discharge protection, over current protection, overload protection, over temperature protection;

Options/Appearance

- Customizable appearance  Optional PV panel available
- Customizable colors 
- Configurable parameters  

Applications



Camping



Family



Site



Outdoor



stall



wild camping



long-haul trip

ENéRVIA
Power

Product Specifications-EP-SP

Model	EP-SP500	EP-SP1000	EP-SP1500	EP-SP2000
Power				
Rated Power (W)	500	1000	1500	2000
Peak Power (W)	1000	2000	3000	4000
Battery				
Battery Type	LiFePO4			
Rated Power Consumption (Wh)	512	996	1496	1996
Input				
Charging Power	1000W Max			
Input Voltage	120/220V			
Input Current	10A			
DC IN (MPPT Solar)	1000W Max			
DC in (XT60)	5A MAX			
Output				
Output Wave	Pure Sine Wave			
Output Voltage/Frequency	120/220VAC			
DC Out (Lighter)	12V/10A Max			
AC Out (Socket)	120/220V 16A			
DC Out (USB-A)	5v3A			
DC Out (TYPE-C)	100W Max			
DC Out(5521)	12V/10A Max			
Others				
Protection	Battery Undervoltage Protection/Battery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection/Over Temperature Protection etc.			
IP Grade	IP20			
Display Type	LCD			
Cooling Method	Intelligent Fan Control			
Cycle Life	5000 Times			
Operation Temperature	-10 ~40			
Spare Parts Set	Cable×1pc/Adaptor×1pc/Instructions×1pc			
Dimension				
Product Dimension(L*W* Hmm)	122x67x60mm	156x93x85mm	156x93x85mm	156x93x85mm
Packing Dimension(L*W* Hmm)	158x87x78mm	203x121x111mm	203x121x111mm	203x121x111mm
N.W.(kg)	6.6	13.7	15.4	17
G.W.(kg)	7.8	14.8	16	18.5

EP-PWI Series

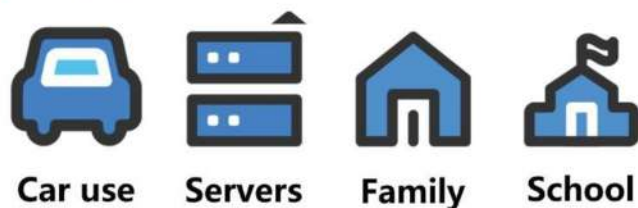
Pure Sine Wave Inverter



Features

- Use single-chip intelligent control technology, with high reliability and low failure rate;
- Use aluminium alloy shell, surface sandblasting anodic oxidation treatment, high hardness, beautiful appearance;
- Use of high-quality components, high conversion efficiency, good load-carrying capacity, wide range of applications.
- Intelligent control of heat dissipation fan, save electricity, improve work efficiency.
- Small volume, light weight, low noise, high efficiency.
- With perfect and powerful fault protection alarm function

Applications



Options/Appearance

- Customizable appearance  Optional PV panel available
- Customizable colors 
- Configurable parameters 



Vehicle inverter use

Reduce server interference

ENéRVIA
Power

Product Specifications EP-PWI

Model	EP-PWI-5	EP-PWI-10	EP-PWI-20	EP-PWI-30	EP-PWI-50	EP-PWI-80	EP-PWI-100
Power							
OutputPower	500W	1000W	2000W	3000W	5000W	8000W	10000W
Peak Power	1000W	2000W	4000W	6000W	10000W	16000W	20000W
Input Voltage	DC12V DC24V DC48V						
Output Voltage	120VAC or220VAC or 230VAC or 240VAC ±5%						
Output Frequency	50HZ±0.5HZ or 60HZ±0.5HZ						
Output Wave	Pure Sine Wave						
waveWaveform Distortion	THD<3% (Linear Load)						
USB-A Output	5V 1A						
Max Operation Efficiency	0.948						
Input Voltage Range	9.55-15.5V(12V) 19.8-30.27V(24V) 40.2-60.4V(48V)						
Others							
Protection	attery Overvoltage Protection/Overload Power Protection/Inverter Output Short Circuit Protection,						
IP Grade	IP20						
Cooling Way	Intelligent Fan Control						
Operation Temperature	-10 ~50						
Relative Humidity	0-90%,No Condensation						
Dimension							
Product Dimension(L*W* Hcm)	26.5*15*8	34.5*16.5*9	43*16.5*9	48*15*20	48*15*20	48*15*20	48*15*20
Packing Dimension(L*W* Hcm)	31.5*19.5*12	37.5*20*13	46*20*13	50.7*28*23	50.7*28*23	50.7*28*23	50.7*28*23
N.W.(kg)	1.38	3.05	4.35	7.5	8.65	9.5	10.2
G.W.(kg)	2.25	3.65	4.95	8.6	10.5	11.3	12

EP-PWI Series

