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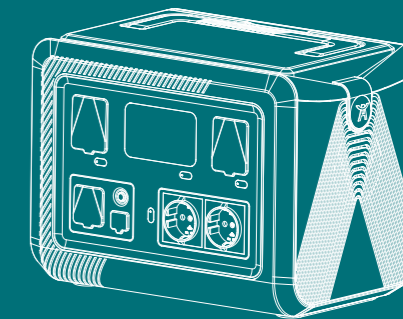
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PRODUCT CATALOG

WorldPower[®]

PROFESSIONAL OEM & ODM
POWER STATION FACTORY WITH
OVER 10 YEARS EXPERIENCE





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WHY CHOOSE US

About WorldPower

WorldPower is a high-tech enterprise that focuses on researching, developing, and innovating new energy storage technology. With 14 years of expertise in the manufacturing of battery solutions and power station, our products and service are highly recognized and get positive feedback from our customers.



Quality Control

WorldPower has an intelligent production workshop and operates strictly in accordance with modern enterprise management standards. Our factory has passed ISO 9001, ISO 14001, and ISO 45001 system certifications and Our products have passed multiple international quality certifications such as VDE, FCC, PSEKC, UL, CE, UN38.3, and ROHS.



R&D Team

WorldPower has a professional R&D team of 57 person and established two R&D center in Shenzhen and Changsha. We currently have nearly 50 related national invention patents, utility model patents, software copyrights, appearance patents, etc.



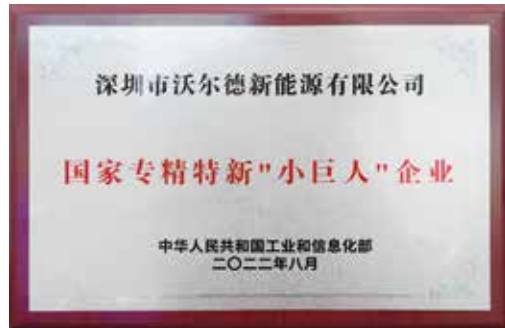
Mission

We are committed to becoming a leading provider of new energy products and technologies globally, offering inclusive and reliable solutions and products to meet diverse needs of customers and creating a cleaner and healthier living environment for human beings.



AWARDS & CERTIFICATE

Company Awards



“Little Giant” Firm



CTP



A-level Enterprise of Credit.



Gold Award of the World Battery Industry Expo



Urban Outdoor Awards Outdoor Shenzhen

Certificate



Worldpower has gained management certifications of

- ISO9001 Quality Management System
- ISO14001 Environment Management System
- ISO45001 Occupational Health and Safety Management

And products are certificated with VDE, FCC, PSE, KC, UL, CE, UN38.3 etc.

We have authorized more than 50 patents:

- National invention patents
- Utility model patents
- Software copyrights
- Appearance patents



WORKS SHOP



▲ Smart Aging Room

▼ Flexible Automation Pack Line



▼ Manufacturing Workshop

▲ MES System

- Loss Reduction
- Cost Reduction
- Deposit Reduction
- Increase Effect

PRODUCTION EQUIPMENT



ATE Test Equipment



Cyclic charge and discharge testing machine



Protection Board Test Equipment



Automatic Cell sorting Equipment Type 1



Automatic Cell sorting Equipment Type 2



Automatic Spot Welding Equipment Type 1



Automatic Spot Welding Equipment Type 2



01

Pure Sine Wave AC Output ;

02

Fast Solar Charging with Buit-In MPPT Controller ;

03

Clean, Emission-Free, Portable Power ;

04

Compact, Durable Design ;

05

Multiple Output Types .

Pioneer 1500

AC Output / Capacity

1500W / 1024Wh (320000mAh) LFP
1280Wh (400000mAh) LFP



Main Specification

Outputs	3* AC 100-120V (JP/US)
	2* AC 220-240V (EU/CH)
	2* USB-A Total 36W
	2* USB-C 30W Max
	2* USB-C 100W Max
	1* Super DC 12V 20A / 24V 20A
	2* DC 12V 5A Total 120W
	1* Wireless Charging 15W
Charging	Solar _(XT60) : 12V~60V 600W Max MPPT
	AC: 600W Max
Weight	14.7Kg(1024Wh) / 17.0Kg(1280Wh)
Dimensions	349 x 228 x 262mm

1/ Solar Charge in 2 Hours-Support up to 600w solar input for outdoor charging!

2/ Wall Charge in 2 Hours-Wall charge from 0%-80% in 1 hour; charge from 0%-100% in 2 hours.

3/ Uninterruptible Power Supply(UPS)-Back up for your sensitive power needs ≤10ms

4/ 1280wh capacity & 1500w Output-Power a wider array of high-power appliances and devices.

Up to
3000W
peak

600W
Max. PV Input

2H
Solar Charging

UPS
≤10ms

97.6%
Max. efficiency

600W
Max. AC Input

1H
Wall Charging 80%

1 Years
Warranty



UP TO 15KWH CAPACITY

The Pioneer 3600 serves as the main engine, which can be connected to four power packs at the same time, Expandable capacity to 15kwh.



3000W INPUT RATE

The Pioneer 3600 supports 3000W input power and can access two XT90 input ports.

Pioneer 3600

AC Output / Capacity

3600W / 3072Wh (960000mAh) LFP



* Support WIFI, Bluetooth connection;
Support mobile APP control;

Main Specification

Outputs	4* AC 100-120V 20A Max (JP/US)
	1* AC 100-120V 30A Max (JP/US)
	5* AC 220-240V 3600W Max (EU/CH)
	2* USB-A Total 36W
	2* USB-C 30W Max
	2* USB-C 100W Max
	2* DC 12V 5A Total 120W
	1* Super DC 12V 25A
	1* Super DC 24V 35A
	2* Wireless Charging Total 30W
Charging	Solar(2* XT90): 12V~150V 3000W Max MPPT
	AC: 1500W Max
Weight	36.0Kg
Dimensions	498 x 320 x 360mm

Pioneer 350

AC Output / Capacity

350W / 219Wh (59200mAh) **NCM**



Main Specification

Outputs	1* AC 100-120V (JP/US)
	1* AC 220-240V (CH)
	2* USB-A Total 36W
	1* USB-C 60W Max
	1* DC 12V 5A
Charging	DC: 12V~30V 60W Max
	Solar: 12V~30V MPPT
	Car: 12V 5A
Weight	2.4Kg
Dimensions	246mm x 78mm x 238mm

Pioneer 700

AC Output / Capacity

700W / 519.48Wh (140400mAh) **NCM**



Main Specification

Outputs	2* AC 100-120V (JP/US)
	1* AC 220-240V (EU/CH)
	2* USB-A Total 36W
	2* USB-C 60W Max
	1* DC 12V 5A
Charging	DC: 12V~30V 150W Max
	Solar: 12V~30V 200W Max MPPT
	Car: 12V 10A
Weight	5.5Kg
Dimensions	300 x 160 x 237mm

Pioneer 1000

AC Output / Capacity

1000W / 808.08Wh (218400mAh) **NCM**



Main Specification

Outputs	2* AC 100-120V (JP/US)
	1* AC 220-240V (EU)
	2* AC 220-240V(CH)
	2* USB-A Total 36W
	2* USB-C 60W Max
	1* DC 12V 5A
Charging	1* DC Car Port 120W Max
	1* LED Lighting
	DC: 12V~30V 180W Max
	Solar: 12V~30V 200W Max MPPT
	Car: 12V 10A
Weight	8.2Kg
Dimensions	350 x 170 x 240mm

Adventurer 600

AC Output / Capacity

600W / 408.8Wh (110000mAh) **NCM**
307.2Wh (96000mAh) **LFP**



Main Specification

Outputs	2* AC 100-120V (JP/US)
	1* AC 220-240V (EU)
	2* AC 220-240V (CH)
	2* USB-A Total 36W
	1* USB-C 60W Max
	1* DC 12V 5A
Charging	1* DC Car Port 120W Max
	1* LED Lighting
	DC: 12V~30V 150W Max
	Solar: 12V~30V 200W Max MPPT
	Car: 12V 10A
Weight	5.1Kg (NCM) / 5.4Kg (LFP)
Dimensions	271mm x 135mm x 213mm

Adventurer 800

AC Output / Capacity

800W / 621.6Wh (168000mAh) **NCM**
 700W / 621.6Wh (168000mAh) **NCM**



Main Specification

Outputs	2* AC 100-120V (JP/US)
	2* AC 220-240V (EU/CH)
	3* USB-A Total 54W
	1* USB-C 60W Max
	1* USB-C 18W Max
Charging	DC: 12V~30V 200W Max
	Solar: 12V~30V 200W Max MPPT
	Car: 12V 10A
Weight	7.3Kg
Dimensions	320 x 155 x 238mm

Adventurer 1500

AC Output / Capacity

1500W / 1152Wh (360000mAh) **LFP**



Main Specification

Outputs	3* AC 100-120V (JP/US)
	2* AC 220-240V (EU/CH)
	2* USB-A 2.0 Total 24W
	2* USB-A 3.0 Total 36W
	1* USB-C 100W Max
Charging	DC: 12V~30V 400W Max MPPT
	Solar: 12V~30V 400W Max MPPT
	AC: 600W Max
Weight	13.0Kg
Dimensions	385 x 175 x 283mm

PROTABLE SOLAR PANEL

WorldPower portable solar panels are compatible with most solar generators on the market, especially works well with WorldPower power stations.

High Conversion Efficiency Over 23.4% cell efficiency ,excellent 95% transparency.

Durable & Waterproof ETFE material on the surfacemore durable and scratch-resistant, meets IP65 waterproof standard

Foldable & Portable Convenient to carry around and easy to be set up for anyone anywhere.



WPV 120



Specifications

Maximum PV Power:	120W
Open Circuit Voltage(Voc):	22.37V
Short-Circuit Current(Isc):	5.47A
Voltage at Pmax(Vmp):	19.40V
Current at Pmax(Imp):	5.18A
Output:	MC4
Working Temperature:	(-10°C~65°C)
Weight:	3.7kg
Dimensions:	1505 x 520 x 30mm

WPV 200



Specifications

Maximum PV Power:	200W
Open Circuit Voltage(Voc):	22.95V
Short-Circuit Current(Isc):	11.66A
Voltage at Pmax(Vmp):	19.48V
Current at Pmax(Imp):	10.57A
Output:	MC4
Working Temperature:	(-10°C~65°C)
Weight:	8.1kg
Dimensions:	2075 x 681 x 35mm



01

WorldPower Design Li-ion Battery

Wide Application in Solar Home and Industrial Projects

02

Real-Time Monitoring

Convenient RS485,CAN BUS Communication

03

House Made Smart BMS

Comprehensive BMS to Match all Hybrid Inverters

04

Safe & Maintenance Free

No fuel, No noise. And No Worry

05

Day & Night


Uninterrupted Power Supply


AHQ-LV48 SERIES


48V RACK-MOUNTED LiFePO4 BATTERY





48V / 51.2V rack-mounted LiFePO4 battery, high energy density, stylish appearance, easy to install and expand, widely used in telecom base stations, commercial energy storage, UPS, Residential energy storage systems.


- 


Light weight, Small size
- 

Intelligent battery management system
- 

Support a variety of communication protocols, support RS485, RS232, CAN etc
- 

Cycle life up to 6000 times
- 

Compatible with a variety of inverters
- 

In the extreme performance safety test, the battery will not catch fire, explode, leak, and be safer to use.
- 

Supports up to 16 clusters in parallel

Basic Parameters	AHQ-LV48-100	AHQ-LV48-200
Nominal Voltage (V)	51.2	51.2
Nominal Capacity (Ah)	100	200
Energy (Wh)	5120	10240
Dimension (mm)	L460xW442XH177	L680xW442xH185
Weight (Kg)	47	92
Discharge Cut-off Voltage (V)	42.4	43.2
Charge Cut-off Voltage (V)	57.6	58.4
Communication Port	RS485,RS232,CAN	
Cell serial number (pcs)	16	
Working Temperature/°C	-10~60	
Design life	10+Years(25°C)	
Cycle Life	6000Cycles (80%)	
Recommended charge current (A)	≤50A	
Maximum continuous charge current	100A	
Maximum continuous discharge current	100A	

WP-AH48100A

48V WALL-MOUNTED LiFePO4 BATTERY

48V / 51.2V wall-mounted LiFePO4 battery, designed for residential energy storage, stylish and simple in appearance, Supports wall-mounted installation.



Light weight,
Small size



Intelligent battery
management system



Support a variety of
communication protocols,
support RS485, RS232, CAN etc



Cycle life up to
6000 times



Compatible with a
variety of inverters



In the extreme performance safety test, the
battery will not catch fire, explode, leak, and
be safer to use.

Basic Parameters	
Nominal Voltage (V)	51.2
Nominal Capacity (Ah)	100
Energy (Wh)	5120
Dimension (mm)	L570xW390H158
Weight (Kg)	45
Discharge Cut-off Voltage (V)	42.4
Charge Cut-off Voltage (V)	57.6
Communication Port	RS485,RS232 CAN
Cell serial number (pcs)	16
Working Temperature/°C	-10~60°C
Design life	10+Years (25°C/77°F)
Cycle Life	6000Cycles (80%)
Recommended charge current (A)	≤50A
Supports the max number of parallel connections	1
Maximum continuous charge current	100A
Maximum continuous discharge current	100A

DAP-HVS1 SERIES

HIGH VOLTAGE STACK SERIES

Residential energy storage system, modular high- voltage battery, suitable for residential energy storage, One set provides electricity for the whole house.



LED lights display the parameters of the equipment in real time



Modular structure for easy installation



Intelligent battery management system



Long cycle life



Supports up to 16 clusters in parallel



Can be used with hybrid inverter



Support a variety of communication protocols, support RS485, RS232, CAN etc

Basic Parameters	3-module	4-module	5-module	6-module	7-module	8-module
Nominal Capacity(KWh)	7.68	10.24	12.8	15.36	17.92	20.48
Cell Matching	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
Working Voltage Range (V)	136.8-172.81	182.4-230.4	228-288	273.6-345.6	319.2-403.2	364.8-460.8
Weight (Kg)	115	145	175	205	235	265
Nominal voltage (V)	153.6	204.8	156.0	307.2	358.4	409.6
Dimension (WxDxH) (mm)	550x430 x697.5	550x430 x826.5	550x430 x955.5	550x430 x1084.5	550x430 x1213.5	550x430 x1342.5
Battery Type	LFP(LiFePO4)					
Nominal Working Current	50					
Communication Port	CAN/RS485					
Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C					
Waterproof	IP55					
Installation Method	Floor-standing					
Cycle Life	10 years					
Peak charge/discharge current(@25°C,5S)	63A					
Discharge rate of Module	≤3.5%/month/@25°C					
Module Series connection/Module	3S-8S					
Parallel connection	16 units in parallel					

DAP-LVS1 SERIES

LOW VOLTAGE STACK SERIES

Residential energy storage system, modular high- voltage battery, suitable for residential energy storage, One set provides electricity for the whole house.



LED lights display the parameters of the equipment in real time



Modular structure for easy installation



Intelligent battery management system



Long cycle life



Supports up to 16 clusters in parallel



Can be used with hybrid inverter



Support a variety of communication protocols, support RS485, RS232, CAN etc

Basic Parameters	1-module	2-module	3-module	4-module	5-module	6-module
Nominal Capacity(kWh)	5.12	10.24	15.36	20.48	25.6	30.72
Nominal voltage (V)	51.2					
Weight (Kg)	80	125	170	215	260	305
Dimension (WxDxH) (mm)	600x400 x385	600x400 x534	600x400 x683	600x400 x832	600x400 x981	600x400 x1130
Battery Type	LFP(LiFePO4)					
Discharge Cut-off Voltage(v)	43.2V(16S)					
Charge Cut-off Voltage(v)	58.4V(16S)					
Communication Port	RS485,RS232 CAN					
Cell series number	16					
Working Temperature(°C)	-10°C~ 60°C					
Design life	10+Years(25°C)					
Cycle life	>6000(25°C)					
Recommended charge current	≤50A					
Max. continuous charge current(A)	100A					
Max. continuous discharge current(A)	100A					
Max. unit in Parallel(pcs)	16					
Warranty	3 Years					