

SH600580

WOLONG

Power your future

WL-600A WL-1200A WL-2400A WL-300A WL-700A

PORTABLE POWER STATION



Wolong
Official Website



Douyin
(TikTok)



Wechat
video number



JD



Tmall



Taobao



PORTABLE POWER STATION



WL-600A

FAST
CHARGE

FEATURES & BENEFITS

WL-600A supports DC,AC,UBS and Type-C connectivity for a wide range of devices, so you never lose power while working, resting or playing. whether you are exploring the great outdoors,hosting a party or experiencing the unexpected power outage, WL-600A will constantly provide you with clean and reliable power, doing its part to help you reduce carbon emissions to the environment.



Fast Charging
≤1.5H



Multiple ports
for multiple devices



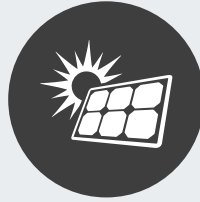
Emergency
Light



Pure Sine Wave
600W (1200W Surge)



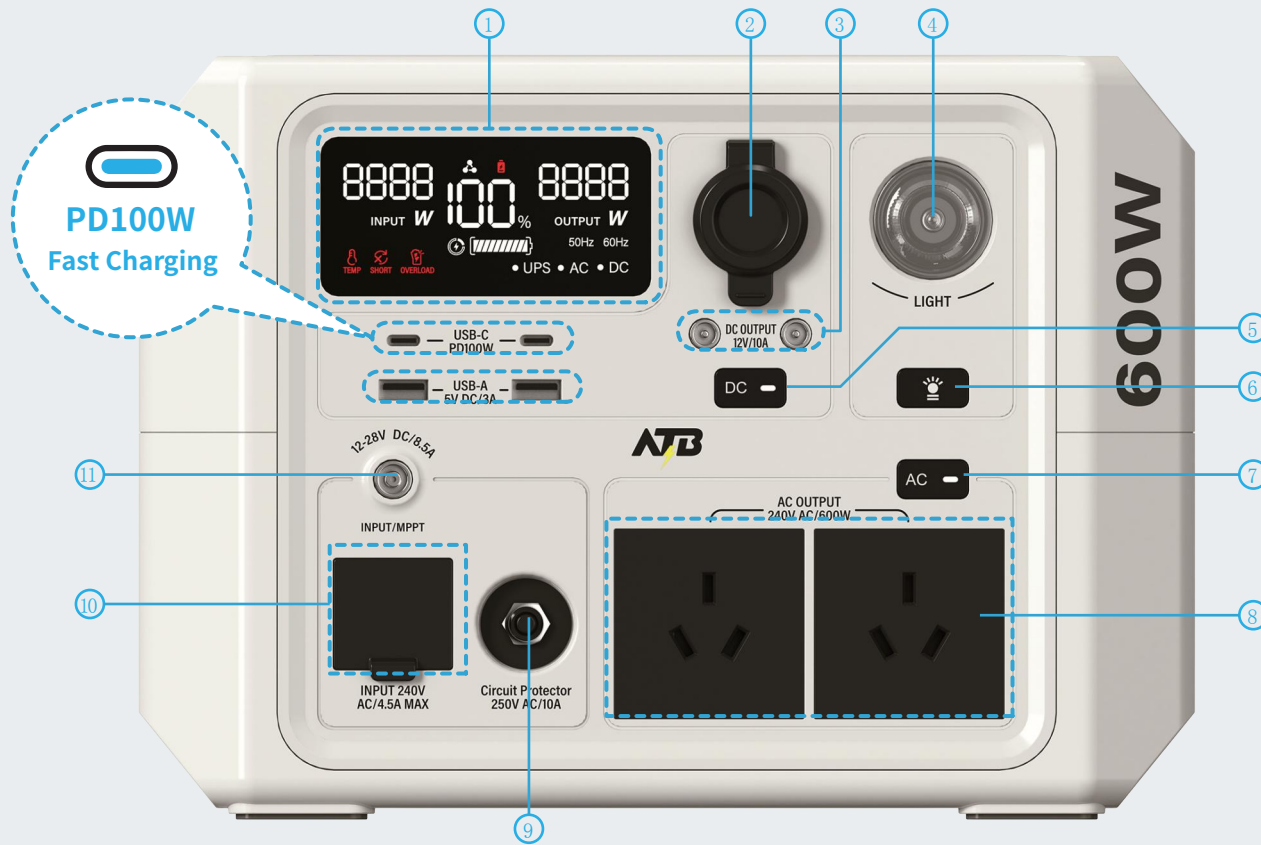
Mutiple security
protections



Solar panel
charging





















9 Outlets for Every Need

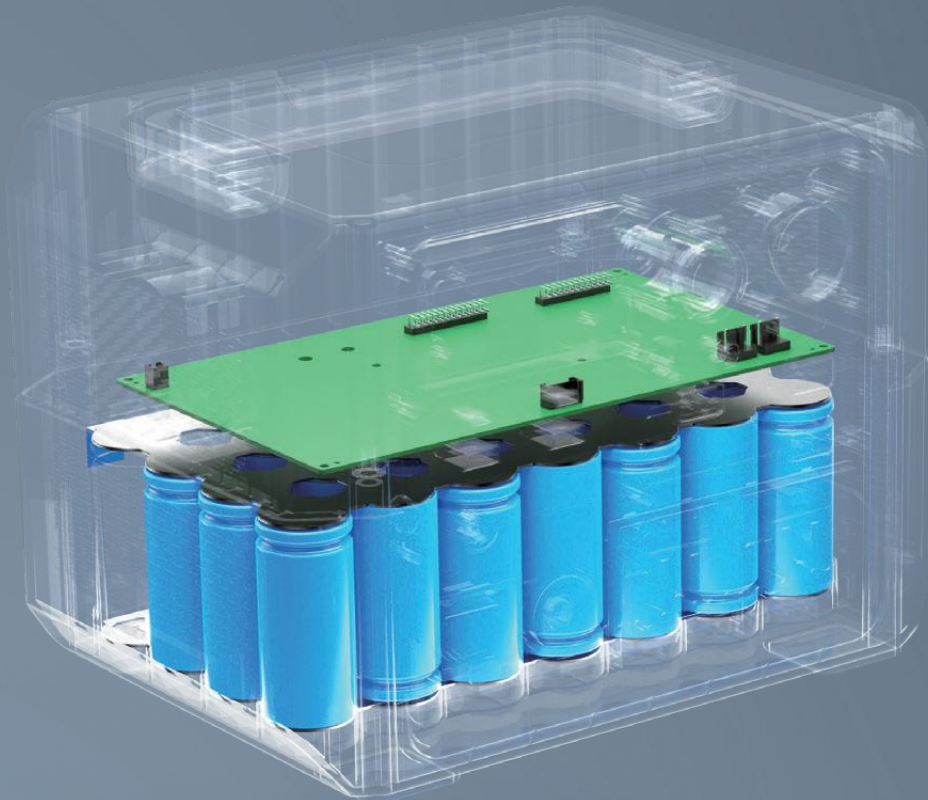


1. LED Screen
2. Car Cigarette lighter
3. DC Output ×2
4. Emergency Light
5. DC ON/OFF
6. Light ON/OFF
7. AC ON/OFF
8. AC Output ×2
9. Circuit Protector
10. AC Input
11. MPPT Input

APPLICABLE SCENE

 GPS Watch (1Wh) 365 times	 iPhone (10Wh) 37 times	 iPad (30Wh) 12 times	 Laptop (65Wh) 6 times	 GoPro (5Wh) 73 times	 Drone (65W) 5.5 Hours	 Game Console (16Wh) 23 times	 Camera (16Wh) 23 times	 Projector (30-60W) 6-12 Hours
 LED Light (3W) 121 Hours	 Fan (18W) 20 Hours	 Printer (25W) 15 Hours	 Power amplifier (20W) 18 Hours	 Mini fridge (60W) 6 Hours	 Wifi Router (13W) 20 Hours	 Electric blanket (200W) 1.8 Hours	 Electric tool (100-150W) 2.5-3.5 Hours	 CPAP (40W) 9 Hours

LITHIUM BATTERY SAFETY



Overload



Low
Temperature



Low
Voltage



Short Circuit



Over
Temperature



Over
Current

Experience increased safety brought by LiFePO₄ battery and BMS (Battery Management System). Compared to traditional Lithium-ion cells, the LiFePO₄ battery adopts possesses a natural advantage due to its remarkable thermal and chemical stability, giving you better performance and longer life cycle (2500 cycles to 80%). While BMS is at all times monitoring and protecting your device from every potential risk.

BATTERY INFO

Capacity:	537Wh
Type:	LiFePO4 (Lithium Iron Phosphate)
Life Cycles:	2,500+ Cycles to 80% Original Capacity
Shelf-life:	Recharge to 80% Every 3-6 Months
Management System:	MPPT Controller, BMS, Over Voltage Protection, Short Circuit Protection, etc.

RECHARGE TIME

AC Charging Cable :	1.8-2 Hours
Solar (200W):	2.5-3 Hours (With prime sunshine, ideal orientation and low temperature)
AC + Solar (420W):	≈1.3~1.8 Hours (With prime sunshine, ideal orientation and low temperature)

GENERAL

Pass-through Charging:	Yes
Weight:	7.1kg
Dimensions (LxWxD):	10.94×8.13×7.93in / 278×206.6×201.3mm
Operating Temperature:	14-104 °F (-10-40°C)
Storage Temperature:	14-113°F (-10-45°C)
Certifications:	UL Standard, CEC, DOE, FCC, CA Prop 65
Warranty:	24 Months

OUTPUT

AC Outlets:	2 x 120V/5A Outlets, 600W In Total
Inverter Type:	Pure Sine Wave
Surge Power:	1,200W
USB-C1/C2 Port:	2 ×100W Max.
USB-A1/A2 Port:	2 ×5V/3A
DC Outlets:	1 ×12V/10A (Car Outlet) 2 ×12V/10A DC 5521 (5.5mm Outlets)

INPUT

AC Charging Cable:	350W Max.
Solar Input:	200W Max, VOC 12-28V, 8.5A
Car Input:	12/24V from Cigarette Lighter Port
Maximum Input:	420W, with AC and Solar Input Simultaneously

PORTABLE POWER STATION



1.3
HOUR

WL-12000A

**FAST
CHARGE**



CAPACITY

1120Wh / 1P7S

OUTPUT POWER

1200W (Surge 2400W)



Fast Charging
≤1.3H



Multiple ports
for multiple devices



Mutiple security
protections



Emergency
Light



Pure Sine Wave
1200W (2400W Surge)



Solar panel
charging















WL-1200A supports DC,AC,USB and Type-C connectivity for a wide range of devices, so you never lose power while working, resting or playing. whether you are exploring the great outdoors, hosting a party or experiencing the unexpected power outage; WL-1200A wil constantly provide you with clean and reliable power, doing its part to help you reduce carbon emissions to the environment.

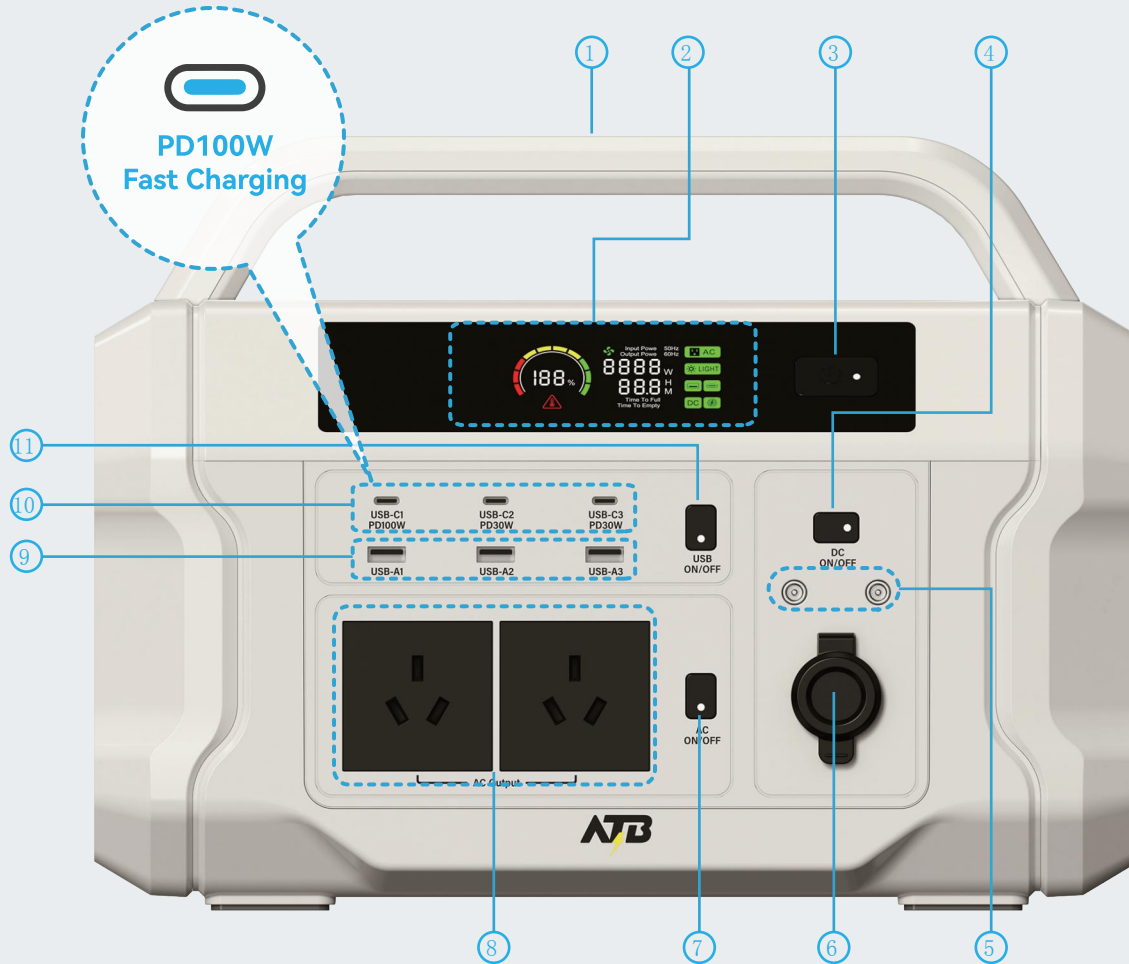
Free switching of multiple ports to meet charging requirements of multiple devices



APPLICABLE SCENE

 iPad (30Wh) 37 times	 Laptop (65Wh) 17 times	 Drone (65W) 17 Hours	 Camera (16Wh) 69 times	 Projector (30-60W) 17-35 Hours	 Coffee Maker (550W) 1.8 Hours	 Electric tool (100-150W) 7-11 Hours
 Fan (18W) 62 Hours	 Printer (25W) 44 Hours	 Power amplifier (20W) 55 Hours	 Mini fridge (60W) 18 Hours	 Electric blanket (200W) 5 Hours	 Instant Pot (1000W) 1 Hours	 CPAP (40W) 26 Hours

11 OUTLETS FOR EVERY NEED



- 1. Handle
- 2. LED Screen
- 3. Power ON/OFF
- 4. DC ON/OFF
- 5. DC Output × 2
- 6. Car Cigarette lighter
- 7. AC ON/OFF
- 8. AC Output × 2
- 9. USB-A Output × 3
- 10. USB-C Output × 3
- 11. USB ON/OFF

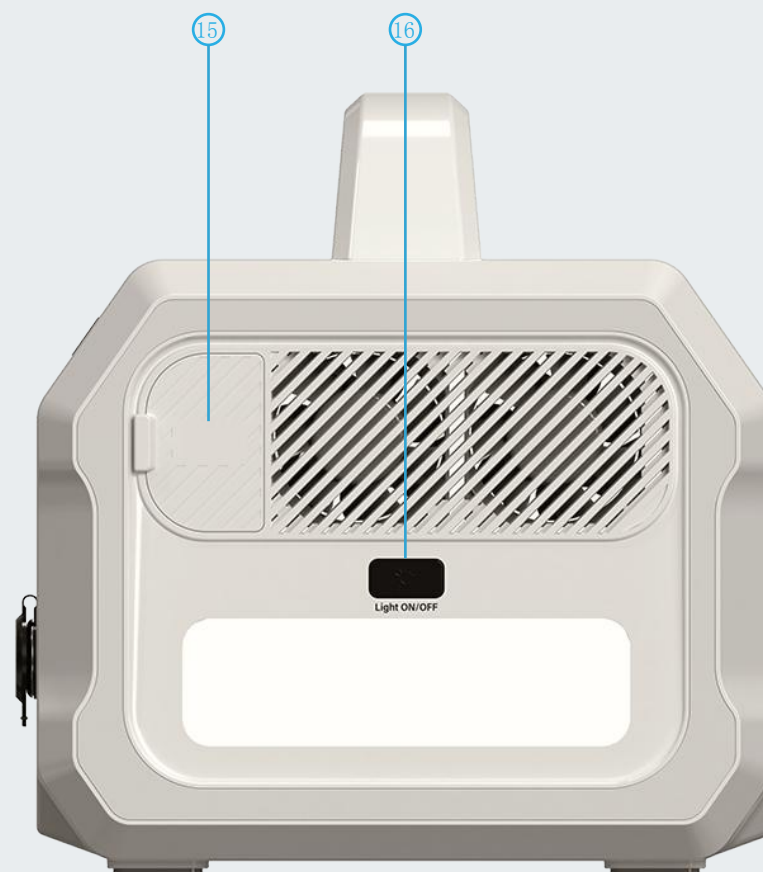
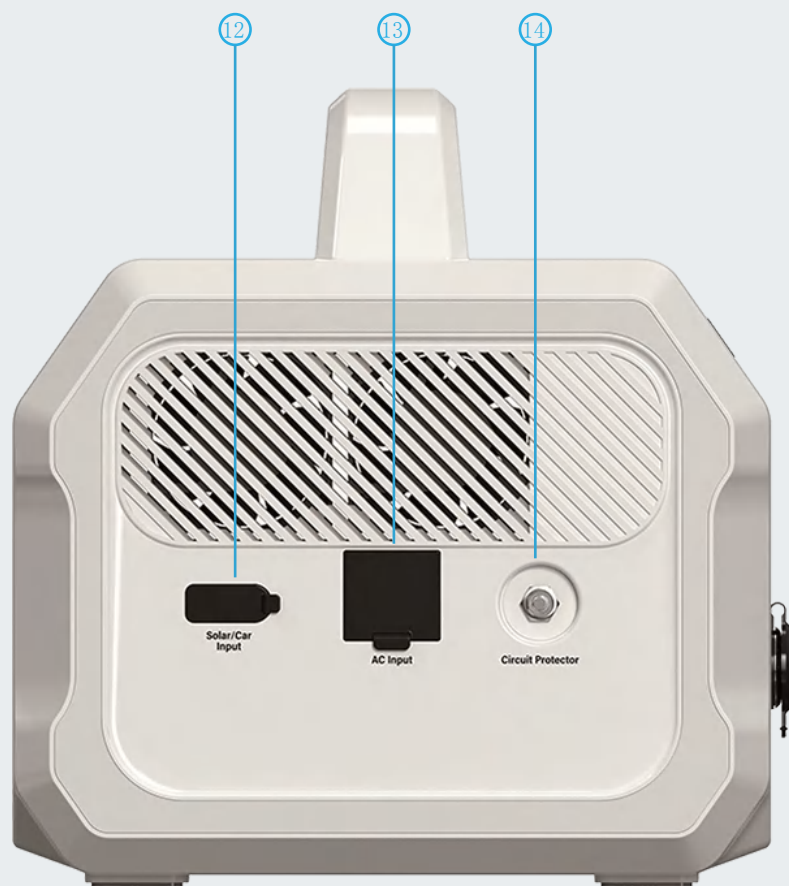
12. Solar/Car Input

13. AC Input

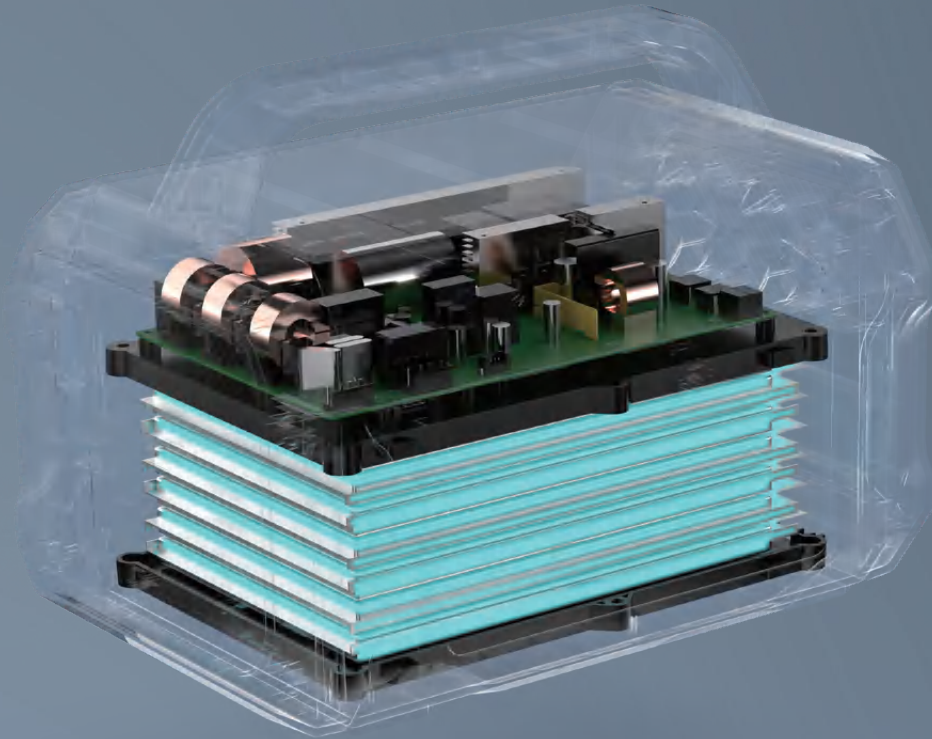
14. Circuit Protector

15. Expansion Power Port

16. Emergency Light



LITHIUM BATTERY SAFETY



Overload



Low Temperature



Low Voltage



Short Circuit



Over Temperature



Over Current

Experience increased safety brought by LiFePO₄ battery and BMS (Battery Management System). Compared to traditional Lithium-ion cells, the LiFePO₄ battery adopts possesses a natura I advantage due to its remarkable thermal and chemical stability, giving you better performance and longer life cycle (2000 cycles to 80%). While BMS is at all times monitoring and protecting your device from every potential risk.

BATTERY INFO

Capacity:	1120Wh
Type:	LiFePO4 (Lithium Iron Phosphate)
Life Cycles:	2000+ Cycles to 80% Original Capacity
Shelf-life:	Recharge to 80% Every 3-6 Months
Management System:	MPPT Controller, BMS, Over Voltage Protection, Short Circuit Protection, etc.

RECHARGE TIME

AC Charging Cable:	1.5~1.8 Hours
Solar (300W):	6.5~7 Hours (With prime sunshine, ideal orientation and low temperature)
AC + Solar (1000W):	1.3~1.6 Hours (With prime sunshine, ideal orientation and low temperature)

GENERAL

Pass-through Charging:	Yes
Weight:	12.2kg
Dimensions (LxWxD):	13.82×9.96×10.24 in / 351×253×260mm
Operating Temperature:	14-104°F (-10-40°C)
Storage Temperature:	14-113°F (-10-45°C)
Certifications:	UL Standard, CEC, DOE, FCC, CA Prop 65
Warranty:	24 Months

OUTPUT

AC Outlets:	2 x 110V/10.91A Outlets,1200W In Total
Inverter Type:	Pure Sine Wave
Surge Power:	2400W
USB-C1 Port:	1 × 100W Max.
USB-C2/C3 Port:	2 × 30W Max.
USB-A1 Port:	1 × 22.5W
USB-A2/A3 Port:	2 × 5V/2.4A
DC Outlets:	1 x 12V/10A (Car Outlet)

INPUT

AC Charging Cable:	800W Max
Solar Input:	300W Max, VOC 11-50V, 8.5A
Car Input:	12/24V from Cigarette Lighter Port
Maximum Input :	1000W, with AC and Solar Input Simultaneously

PORTABLE POWER STATION



1.8
HOUR

WL-2400A

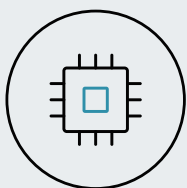
FAST CHARGE



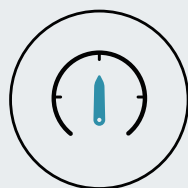
9 PROFESSIONAL QUALITY INSPECTIONS



IQC
Monitoring



Cell Capacity
Grading



Inverter
Test



BMS
Test



PCBA
Test



Burn-in
Test



Motherboard
Test



Finished Work
Inspection

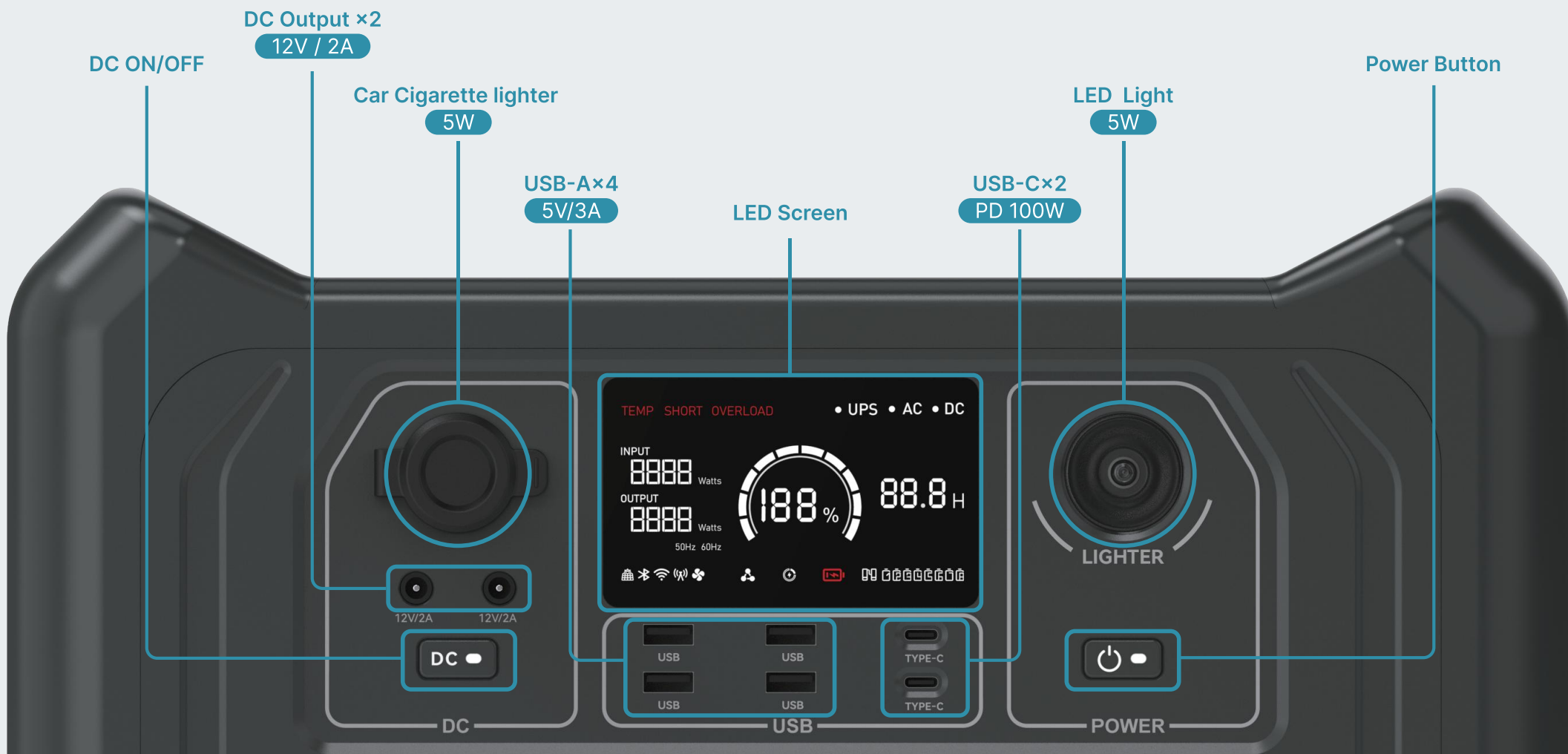


QA
Sampling



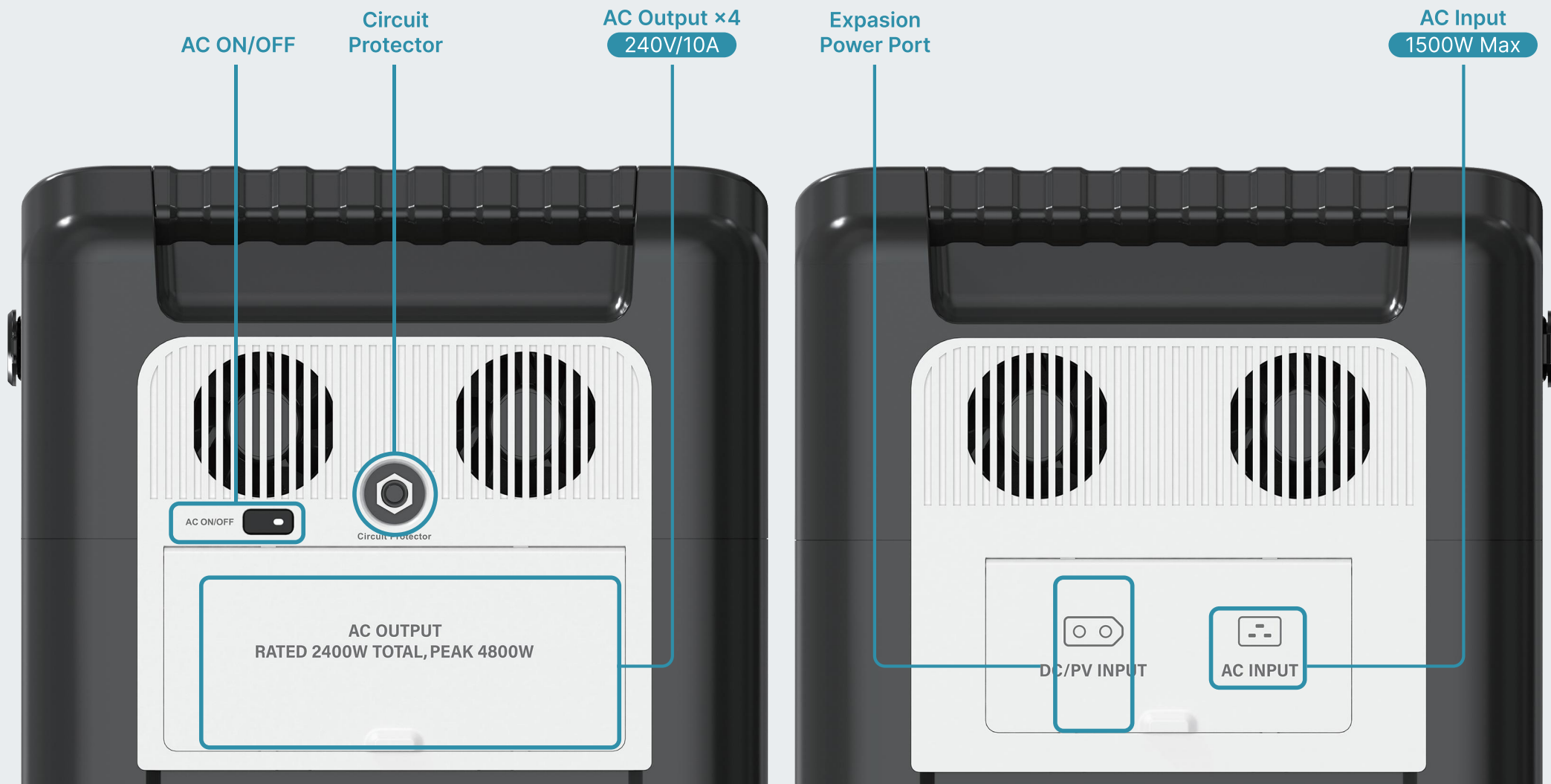
Portable Power Station

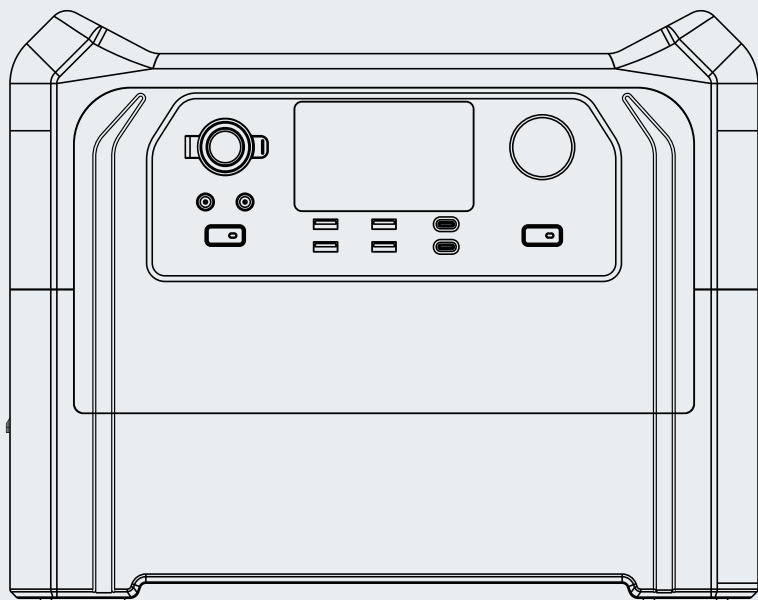
WL-2400A



Portable Power Station

WL-2400A



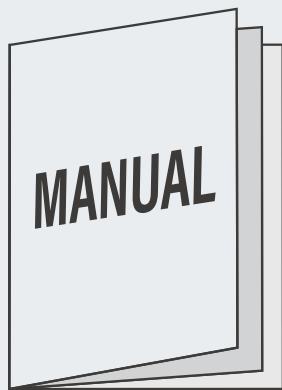


Portable Power Station

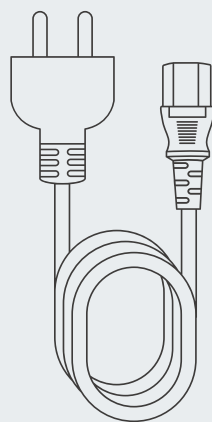
AC OUTPUT	120V/20A Output × 4 120V/30A TT-30 2400W in total(120V/60Hz)
Inverter Type	Pure Sine Wave
Surge Power	4800W 200ms
USB-C1/C2 Output	PD 140W
USB-A1/A2/A3/A4 Output	5V/3A × 3
Car Output	12V/10A
Wireless Charging Pad	2 × 15W Max
LED Light	5W

AC Input:	1500W Max
Solar(MPPT) Input	12-100V/12A 1000W Max
Car Input	12/24V 8.2A
Maximum Input	2000W, with AC and Solar Input Simultaneously

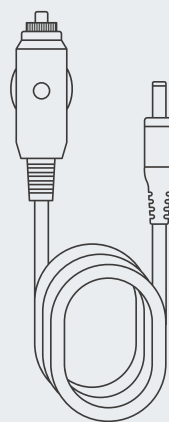
Capacity	2048Wh
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Life Cycles	2500+ Cycles to 80% Original Capacity
App Control	Yes, WiFi & Bluetooth Connection IOT
Scalability	Expandable with 4×B256
Simultaneous Charge & Discharge	Yes
Weight	≈26.8kg/59.08lbs
Dimensions (LxWxD)	15.63×11.65×12.36 in / 397×296×314mm
Operating Temperature	14-104°F (-10-40°C)
Storage Temperature	14-113°F (-10-45°C)



User Manual



AC Charging Cable



Car Charer Cable

PORTABLE POWER STATION



WL-300A



WL-700A

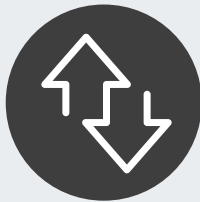


FEATURES & BENEFITS

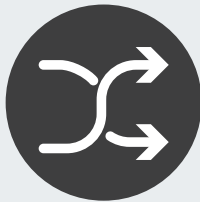
WL-300A / WL-700A is a device that uses high energy density lithium-ion battery pack as a means of energy storage to provide power supply for users when they are unable to access power. Outdoor power supply can provide power support for almost all electrical equipment. It has larger capacity, supports 220V AC output, USB fast charging output, vehicle cigarette lighter output port, DC output port, lighting flashlight, so as to provide users with more ways of power security as far as possible.



Efficient MTTP



Concurrent charge and discharge



Hybrid power



Natural cooling



Smart Mute



Smart Protection

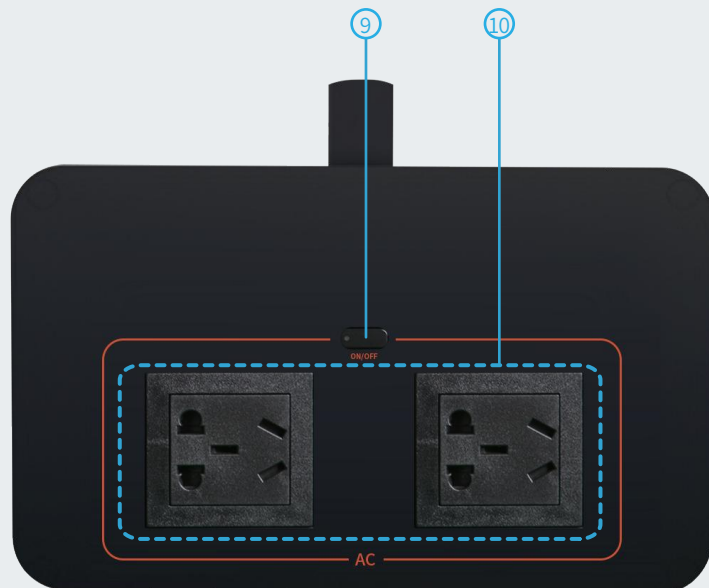
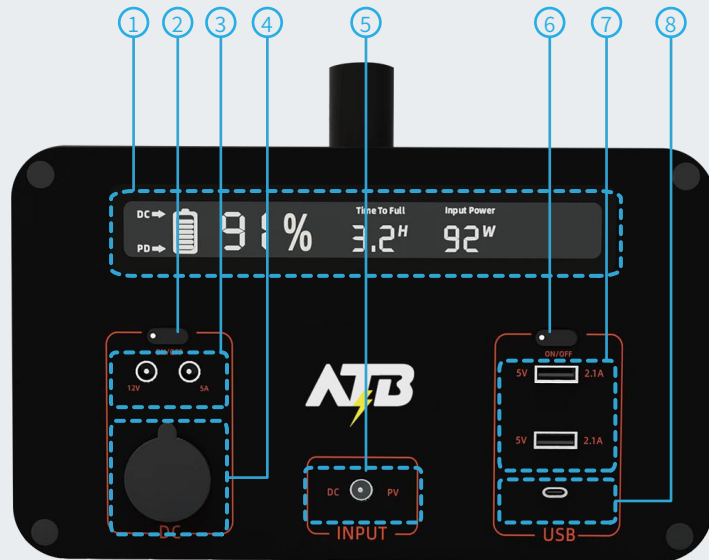


Free switching of multiple ports to meet charging requirements of multiple devices



- The inverter uses high-frequency resonance technology, and the overall volume is reduced by 40%.
- 95% high efficiency conversion and heat dissipation, completely mute, zero noise.
- Alloy shell closed design, dustproof and waterproof IP52 level.
- 6 series alloy shell, which is 70% stronger than plastic.
- Three-stage charging management, multi-level battery management, and 100% improvement in overall safety.

8 OUTLETS FOR EVERY NEED



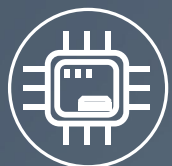
WL-300A / WL-700A

1. LED Screen
2. DC ON/OFF
3. DC Output×2
4. Car Cigarette lighter
5. AC Input
6. USB ON/OFF
7. USB-A Output×2
8. Type -A
9. AC ON/OFF
10. AC Output×2

9 PROFESSIONAL QUALITY INSPECTIONS



IQC



Cell grading



Cell online test



PCBtest



Semi-finished
product test



Aging test



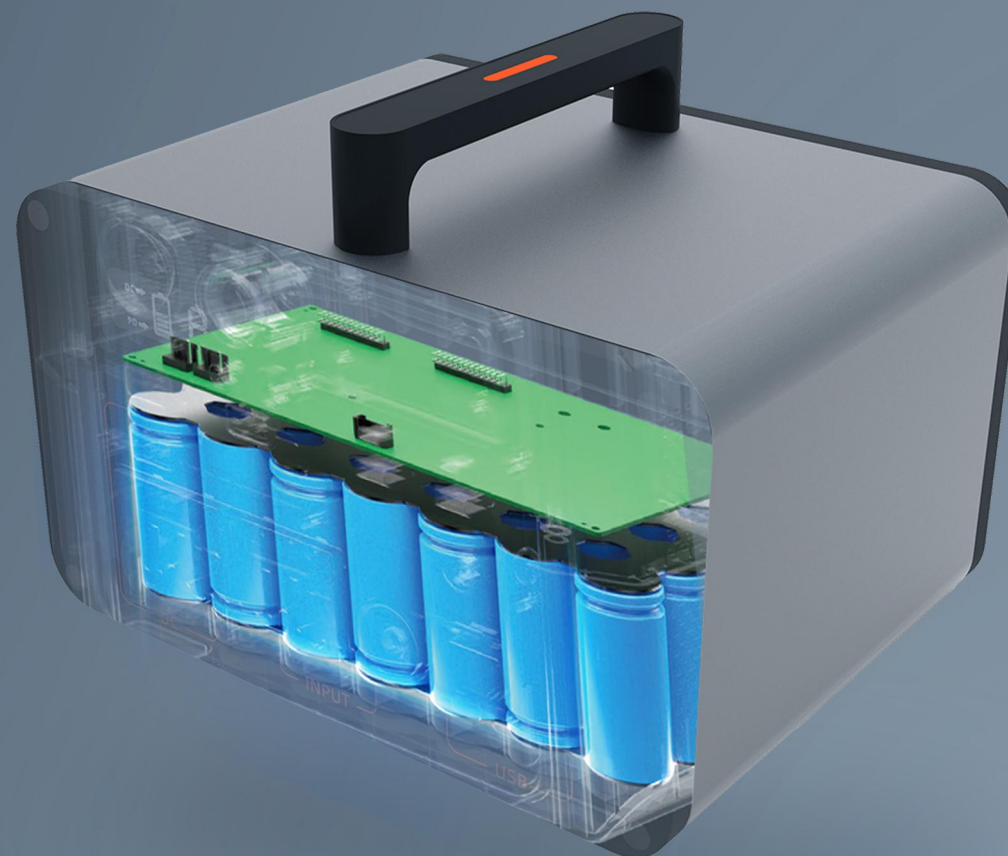
Finished
product test



Finished
product inspection



QA
inspection



SPECIFICATIONS

Basic Spec	 WL-300A	 WL-700A
Weight:	5.4kg	9.4kg
Dimensions:	194.8(L)*210(W)*180.9(H)mm	290.1(L)*210(W)*180.9(H)mm
Battery:	532.8Wh	1065.6Wh
AC output:	2 X AC socket; 300W ; Pure Sine Wave; 220V/50Hz/60Hz	2 X AC socket; 700W ; Pure Sine Wave; 220V/50Hz/60Hz
Input		
Grid:	20V/5A,MAX 100W	20V/5A,MAX 140W
PV:	17.5-24VDC,MAX 120W (MPPT)	17.5-24VDC,MAX 150W(MPPT)
Type-C:	5V/9V/12V/20V 3A,MAX 60W	5V/9V/12V/20V 3A,MAX 60W
Car charging:	12.6-15V/8A,MAX 100W	12.6-15V/8A,MAX 100W
Output		Temp
DC output:	2xDC(5521),12.6V/5A	Charge operation temp: 0~40°C
Car charger output:	1 x car charger port,12.6V/10A	Discharge operation temp: -10~45°C
USB:	2xUSBA,5V/2.1A	Storage temp: -20~45°C
Type-C:	1xType-C,5V/9V/12V/20V 3A, MAX 60W	

WOLONG

Power your future



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