

Portable UPS Power Stations

V-TAC
Meaningful Innovation.

CE FCC RoHS SGS PSE UKCA ICSA CB



3000W

Portable UPS Power Station

US ZA EU FR UK AU JP

Up to **6** battery packs connected
Capacity of **17500Wh**





LiFePO₄ Prismatic Cell

- Using LiFePO₄ Prismatic Cell
- 2560Wh battery capacity
- Certificated UL1973 (energy storage battery safety standard)
- Cycle life is greater than 4000 times
- Support PV+AC charging



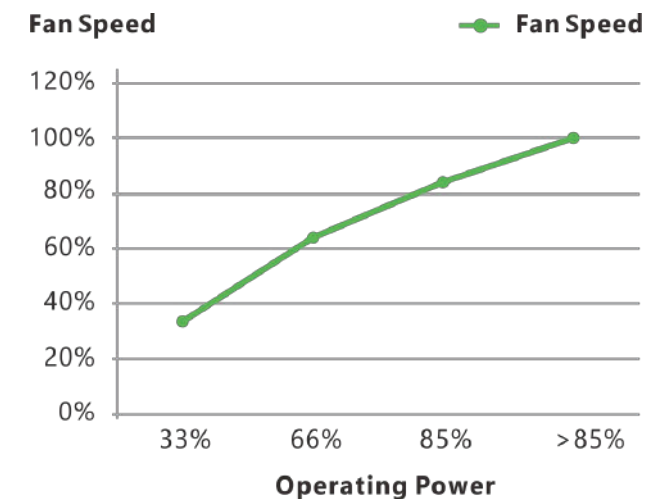
True-bidirectional Inverter Technology

True-bidirectional inverter technology, eliminating the need for a power adapter, and can be charged quickly by simply inserting an AC line.

Optimize your charging power with the APP and physical buttons from 100W to 2100W, and it only takes 1.6 hours to charge from 0 to 100% in fast charging mode.



Intelligent Air Cooling System



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Stronger Bracket

Aluminum alloy bracket +
metal material, more anti-fall.



Intelligent APP Control

More intelligent APP control platform, which can be connected via Wi-Fi/
Bluetooth, with data monitoring function/software upgrade.



USB Flash Disk Software Upgrade

Support USB flash disk software upgrade function.

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Solar Panels for Green Charge

Support solar panel maximum of 800W charging, about 4 Hrs fully charging; 0-65% about 2.5 Hrs; it supports AC+PV charging at the same time.

Anderson Plug

- DC 12V/30A output, using Anderson plug, support 12V RV battery charging, can use PV positive energy supply, output to the RV battery charging;
- Completely replace RV solar converter.



Uninterruptible Power Supply (UPS)

- Cerificated UL1778 UPS, provide backup power to your vital devices within 14ms in case of an outage; AC output will be automatically connected to the power grid after the power grid is restored.
- Support the AC Bypass function. When the power grid works normal, it connects to the AC output. When the power grid works faulty, the battery supplies power.



3000W-EU

Portable UPS Power Station

- 1.6 Hrs Fast Charging
- LiFePO₄ Prismatic Cell
- Expandable Capacity
- 24/7 UPS function
- Portable Design
- Aluminum Alloy Bracket
- 10 Years Lifespan
- 30dB Low Working Noise
- Safety Certification
- AC load frequency smart following off-grid, and App control 50 or 60Hz

US ZA EU FR UK AU JP

Model: VT-300011 - SKU: 12709

	US	UK	EU / FR / AU / ZA	JP
Battery Type	Prismatic Aluminum-Cased LiFePO4 Cell			
Battery Capacity	2560Wh,51.2V, 50Ah			
Cycle Life	3000 Cycles			
Wi-Fi	supported			
USB-A1/A2 output	5V/3A, 9V/2A, 12V/1.5A, 18W Max.			
USB-A3/A4 output	5V/2.4A, 12W Max.			
USB-C1/C2 output	5/9/12/15V 3A, 20V/5A, 100W Max.			
Anderson terminal output	12.6V,30A Max., 378W Max.			
DC5521 Output *2	12.6V, 3A			
Car charge Output	12.6V/10A, 126W Max.			
AC Output (Inverter mode)	Pure sine-wave, total 3000W (peak 5000W), 100-120V~,60Hz,20A, 2400W*3;100-120V~, 60Hz,25A, 3000W*1	Pure sine-wave, total 3000W (peak 5000W), 220-240V~, 50Hz/60Hz,13A*3	Pure sine-wave, total3000W (peak 5000W), 220-240V~,50Hz/60Hz, 16A*3	Pure sine-wave, total 2500W (peak 5000W), 90-110V~,50/60Hz,20A, 2000W*3; 90-110V~, 50/60Hz,25A, 2500W*1
AC Output (Bypass mode)	100-120V~,60Hz, 1800W Max., 15A Max.	220-240V~,50Hz/60Hz, 2300W Max., 10A Max.	220-240V~,50Hz/60Hz, 2300W Max., 10A Max.	90-110V,50/60Hz, 15A, 1500W
AC input power	1800W Max., 15A	2300W Max., 10A	2300W Max., 10A	1500W Max., 15A
AC input voltage	100-120V ,60Hz	220-240V~, 50Hz/60Hz	220-240V~,50Hz/60Hz	90-110V ,50Hz/60Hz
Car charging input	12V/24V battery supported, 8A by default			
PV charge input *2	800W Max, 13-45V, 12A			
AC charging power	1800W Max.	2100W Max.		1500W Max.
PV/Car charging power*2	800W Max.			
AC+PV charging power	2688W Max.			
Weight	34kg			
Dimensions (W*H*D)	303*343*536mm(21*12*13.5in)			
Temperature Range	Discharge :-20°C-45°C Charge: 0°C-45°C			
Certification	CB  FCC    UK  			
CA65,TSCA, RoHS,Reach, WEEE, POPS, UN38.3,MSDS				
Cycle Life*: Test conditions: 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C				

1800W-EU

Portable Power Station

US ZA EU FR UK AU JP



Portable Power Station



Product Parameters Model: VT-10008 SKU:12708

	US	UK	EU / FR / AU / ZA	JP
Battery Type	Cylindrical Steel-Cased LiFePO ₄ Cell			
Battery Capacity	1229Wh, 51.2V, 24Ah			
Cycle Life	3000 Cycles			
Wi-Fi	supported			
USB-A1/A2 Output	5V/3A, 9V/2A, 12V/1.5A, 18W Max.			
USB-A3/A4 Output	5V/2.4A, 12W Max.			
USB-C1/C2 Output	5/9/12/15V 3A, 20V/5A, 100W Max.			
DC5521 Output *2	12.6V, 3A			
Car charge Output	12.6V/10A, 126W Max.			
AC Output (Inverter mode)	Pure sine-wave, total 1800W (peak 3000W), 120V~,60Hz,15A *4	Pure sine-wave, total 1800W (peak 3000W), 220-240V~,50Hz/60Hz,13A*3	Pure sine-wave, total1800W (peak 3000W), 220-240V~,50Hz/60Hz,12A*3	Pure sine-wave, total 1500W (peak 3000W), 90-110V~,50Hz/60Hz,20A*4
AC Output (Bypass mode)	100-120V~,60Hz, 1500W Max., 12A Max.	220-240V~,50Hz/60Hz, 1800W Max., 10A Max.	220-240V~,50Hz/60Hz, 1800W Max., 10A Max.	90-110V~, 50Hz/60Hz, 15A Max., 1500W Max.
AC input power	1500W Max., 12A	1800W Max., 10A	1800W Max., 10A	1500W , 15A Max.
AC input voltage	100-120V~ ,60Hz	220-240V~ , 50Hz/60Hz	220-240V~ , 50Hz/60Hz	90-110V ,50Hz/60Hz
Car charging input	12V/24V battery supported, 8A by default			
PV charge input	400W Max, 13-45V, 12A			
AC charging power	1380W Max.			
PV/Car charging power	400W Max.			
AC+PV charging power	1380W Max.			
Weight	19.4kg			
Dimensions (W*H*D)	432*270*300mm(17*10.6*11.8in)			
Temperature Range	Discharge :-20°C-45°C Charge: 0°C-45°C			
Certification	CBFCSGSUKEAC CA65,TSCA, RoHS,Reach, WEEE, POPS, UN38.3,MSDS			
Cycle Life*: Test conditions: 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C				

1000W-EU

Portable UPS Power Station

US ZA EU FR UK AU JP



Portable Power Station



Product Parameters Model: VT-10003 SKU:12706

	US	EU / UK / FR / AU / ZA	JP
Battery Type	Cylindrical Steel-Cased LiFePO ₄ Cell		
Battery Capacity	614.4Wh,51.2V,12Ah		
Cycle Life	3000 Cycles		
Wi-Fi	Supported		
USB-A1+A2 Output	5V/2.4A, 12W Max.		
USB-C1/C2 Output	5/9/12/15V 3A, 20V/5A, 100W Max.		
Car charger Output	12.6V/10A, 126W Max.		
AC Output(Inverter mode)	Pure sine-wave, total 1000W (peak 1600W), 100-120V~,60Hz,10A *2	Pure sine-wave, total 1000W (peak 1600W), 220-240V~,50Hz/60Hz, 5A *2	Pure sine-wave, total 1000W (peak 1600W), 100V~,50Hz/60Hz, 10A *2
AC Output(Bypass mode)	100-120V~,60Hz, 1000W Max., 10A	220-240V~,50Hz/60Hz, 1000W Max., 5A	90-110V~,50Hz/60Hz, 10A , 1000W Max.
AC input power	1500W Max., 15A	1500W Max., 7.5A	1500W , 15A Max.
AC input voltage	100-120V , 60Hz	220-240V~ , 50Hz/60Hz	90-110V ,50Hz/60Hz
PV Charge	400W Max, 13-45V, 12A		
Car charging input	12V/24V battery supported, 5A by default		
Adapter input	21V/5A, 105W Max.		
AC charging Power	700W Max.		
PV/Car charging power	400W Max.		
AV+PV charging power	700W Max.		
Weight	8.5kg		
Dimensions (W*H*D)	301*227*193mm(11.8*8.9*7.6in)		
Temperature Range	Discharge :-20°C-45°C Charge: 0°C-45°C		
Certification	 CA65,TSCA, RoHS,Reach, WEEE, POPS, UN38.3,MSDS		
Cycle Life*: Test conditions: 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C			

600W-EU

Portable UPS Power Station

US ZA EU FR UK AU JP



Portable Power Station



Product Parameters Model: VT-603 SKU:12705

	US		EU / UK / FR / AU / ZA		JP
Battery Type	Cylindrical Steel-Cased LiFePO ₄ Cell				
Battery Capacity	512Wh,25.6V,20Ah				
Cycle Life	3000 Cycles				
Wi-Fi	supported				
USB-A1/A2 Output	5V/2.4A, 12W Max.				
USB-C1/C2 Output	5/9/12/15V 3A, 20V/5A, 100W Max.				
DC5521 Output *2	12.6V, 3A				
Car charge Output	12.6V/10A, 126W Max.				
AC Output(Inverter mode)	Pure sine-wave, total 600W (peak 1000W), 100-120V~,60Hz,6A *2	Pure sine-wave, total 600W (peak 1000W), 220-240V~,50Hz/60Hz, 3A *2		Pure sine-wave, total 600W (peak 1000W), 100V~, 50Hz/60Hz, 6A*2	
AC Output(Bypass mode)	100-120V~,60Hz, 600W Max., 6A	220-240V~,50Hz/60Hz, 600W Max., 3A		100-120V~, 50Hz/60Hz, 6A, 600W Max.	
AC input power	1200W Max., 10A	1200W Max., 6A		1200W , 10A Max.	
AC input voltage	100-120V~ ,60Hz	220-240V~ ,50Hz/60Hz		100-120V~ ,50Hz/60Hz	
Car charging input	12V battery supported, 8A by default				
PV charge input	200W Max, 12-20V, 10A				
AC charging power	600W Max.				
PV/Car charging power	200W Max.				
AC+PV charging power	600W Max.				
Weight	7kg				
Dimensions (W*H*D)	301*227*193mm(11.8*8.9*7.6in)				
Temperature Range	Discharge :-20°C-45°C Charge: 0°C-45°C				
Certification	CBFCSGSUK CA65,TSCA, RoHS,Reach, WEEE, POPS, UN38.3,MSDS				
Cycle Life*: Test conditions: 95% DOD, 0.5C charge & 1.0C discharge at +25±3°C					

Expansion Battery Pack



Expansion Battery Pack



Product Parameters

Model: VT-25001 SUK:12710

Battery Type	Prismatic Aluminum-Cased LiFePO4 Cell
Life Cycle	3000 cycles
Nominal energy	2560Wh
Nominal capacity	50Ah
Nominal voltage	51.2V
Working voltage range	40 - 57.6V
Operating humidity	10% - 85%(Non-condensing)
Altitude	<2000m
Discharge current output	70A Max.
Charging current input	50A Max.
Net Weight	26.6kg
Dimensions (W*H*D)	536*270*225mm(21*10.6*8.8in)
Discharge Temperature Range	-20°C~45°C
Charge Temperature Range	0°C~45°C
Storage Ambient Temperature	-20°C~45°C

614Wh Expansion Battery Pack



Expansion Battery Pack



Product Parameters

Model: VT-614 SUK:12707

Battery Type	Cylindrical Steel-Cased LiFePO ₄ Cell
Life Cycle	3000 cycles
Nominal energy	614Wh
Nominal capacity	12Ah
Nominal voltage	51.2V
Operating humidity	10% - 85%(Non-condensing)
Altitude	< 2000m
Current	Charge:12A Max.; Discharge:24A Max.
Power output	40 - 57.6V, 24A Max.
Output USB-A1	5V/2.4A, 12W Max.
Output USB-C1	5/9/12/15V 3A, 20V/5A, 100W Max.
Output USB-C2/C3	5/9/12/15V 3A, 20V/3.25A, 65W Max.
Car charge output	12.6V, 10A Max.
Power input	40-57.6V,12A Max.
PV charge input	13-45V, 12A, 400W Max.
Adapter input	21V, 5A 105W Max.
Car charge input	12/24V, 5A Max.
Net Weight	7.5kg
Dimensions (W*H*D)	301*227*193mm(11.8*8.9*7.6in)
Temperature range	Charge: 0°C~45°C/Discharge: -20°C~45°C
Storage Ambient Temperature	-20°C~45°C(20°C-30°C Preferred)