

Portable UPS Power Stations

V-TAC
Meaningful Innovation.

CE FC RoHS SGS PSE UKCA ICA SA 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



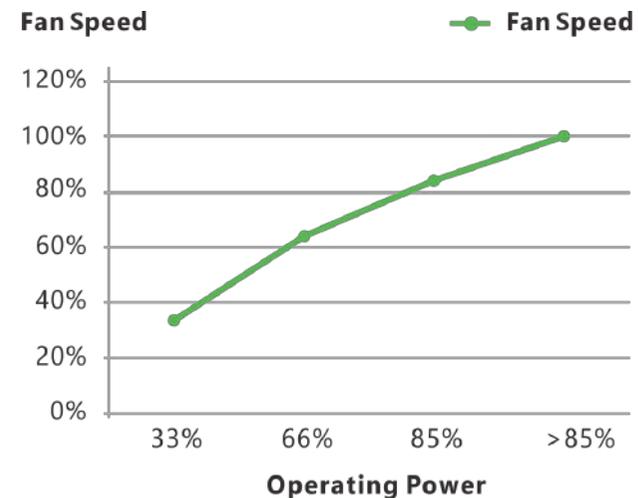
True-bidirectional Inverter Technology

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.

Portable Power Station



Model: VT-300011 - SKU: 12709



Portable Power Station



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



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, total 3000W (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 | 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 | 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 | 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) |