

POWER & BEYOND

Portable Power Series

2024

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WHAT IS PORTABLE POWER STATION?

Portable Power Station

Portable power stations are perfect portable power sources for in and around your home or outside during outdoor activities, allowing you to keep using your electrical devices at all times.



Versatile Outlets



Multiple Charging Methods



Easy to Carry



Low Maintenance



Solar Generator

The solar generator is not only a dependable outdoor power supply, but also a reliable power source when the grid is down for a long time. Having a reliable solar generator can make all the difference.



Quiet



Eco-friendly



Cost-effective



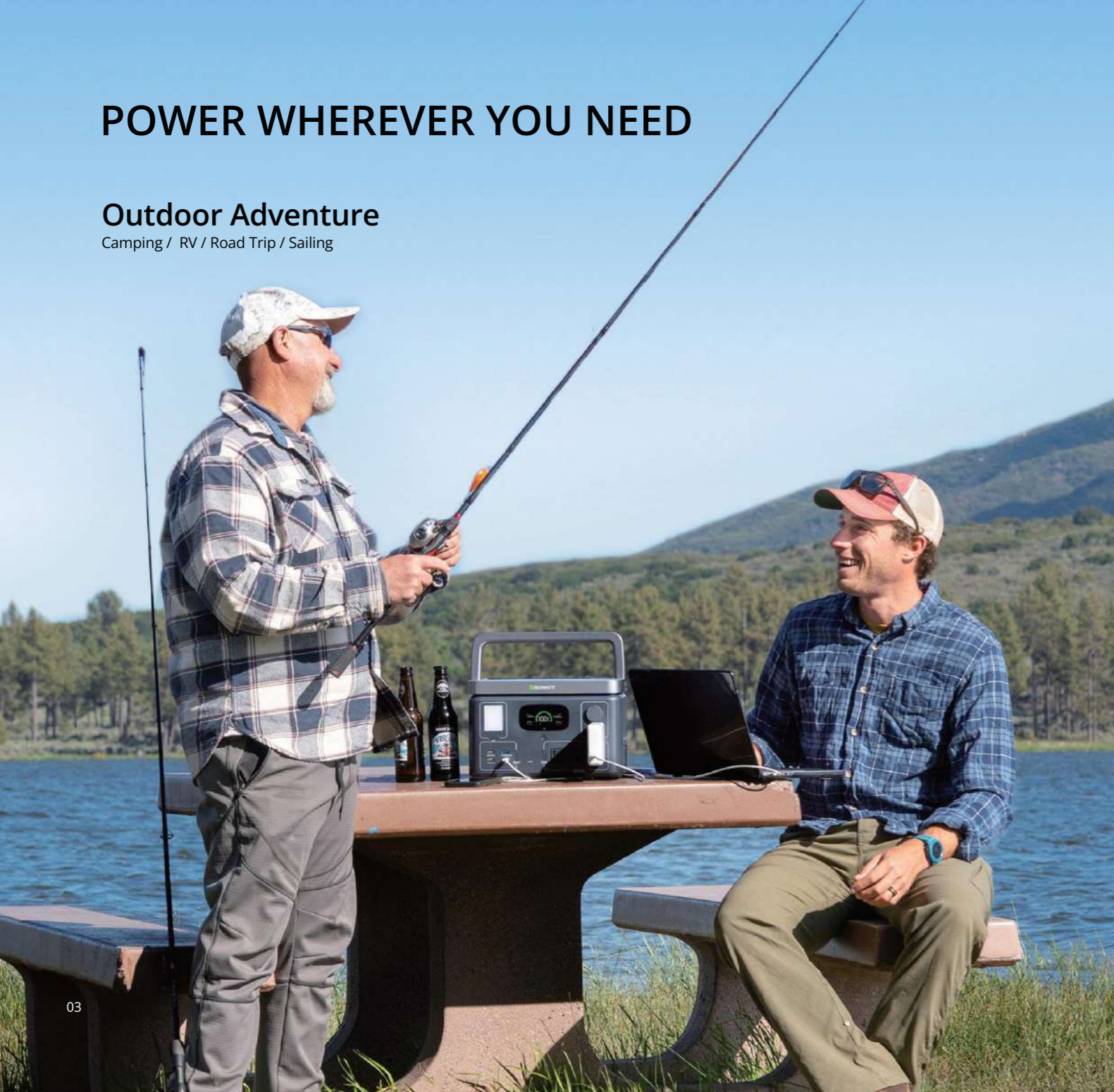
Safe



POWER WHEREVER YOU NEED

Outdoor Adventure

Camping / RV / Road Trip / Sailing



Professional

Photography / DIY / Hobby / Gardening



Home Backup

Emergency Backup / SOHO / Off-grid Living



NEW

SOLUTIONS

- Growatt's Latest Technology
- Portable Power Stations
- Solar Panels
- Solar Generator Kit
- Smart App

LiFePO4 Batteries

3000 +
3000+
Lifecycles


10 Years
Up to 10 Years
of Use


Ultra Durable
& Reliable

For those who expect a longer lifespan battery with the same price, LFP power stations reliably serve you for the next 10 years—and likely far beyond.


NMC Batteries



High Power
Density


Ultra
Portability

For those who want excellent portability, NMC power stations are considered a good companion for outdoor activities such as weekend trips, camping, RV travel, etc.

Bi-directional Inverter Technology


1 Hour to
80%


Twice as Fast
as Others

Growatt's bi-directional inverter technology makes superfast charging possible. It only takes 1 hour to charge to 80%, allowing you to power impromptu trips and gatherings, even if plans are made at the last minute.



Emergency Power Supply (EPS)

Growatt portable power stations can be an emergency power source to protect essential devices when leaving home for days, suffering unexpected power outages, or dealing with unstable power situations.



For Unexpected Blackouts



Secure Your Essentials

<20 ms

<20ms Switchover Time



Watt+ Feature

The Watt+ technology better the performance of the portable power station, which enables you to use your power stations for appliances beyond the rated power and allows you to drive a wider range of appliances without any difficulty.



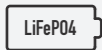
*Take VITA 550 for example.





VITA 550

Compact Size, Big Possibilities



LiFePO4 Battery
3000 Cycles
Available for 10 Years



Fast Charging
AC Charging: 1.6 Hours
Solar Charging: 2.5 Hours

Watt +

Watt+ Feature
Drives a Wider Range
of Devices

EPS

24/7 EPS Feature
Reliable Backup Power
for Sensitive Loads

Capacity	538Wh	
Cell Chemistry	LFP	
Lifecycle	3000 Cycles	
Input	AC Charging	500W Max.
	Solar Charging	12V-24V, 10A, 240W Max.
	MPPT Efficiency	99%
Output	AC Outlets (x3)	600W
	DC Outlets	2 x USB-A, 1 x USB-C PD, 2 x DC 5521, 1 x USB-A Quick Charge, 1 x Car Cigarette Lighter, 1 x Wireless Charging

APP	WiFi+Bluetooth	
Weight	8.5 kg (17.99 lbs)	
Dimension	310 x 213 x 197.5 mm (12.2 x 8.4 x 7.8 inch)	

	US	Input : 120V 60Hz	Output : 120V 60Hz
	EU	Input : 220V-240V 50/60Hz	Output : 230V 50Hz
	AU	Input : 220V-240V 50/60Hz	Output : 230V 50Hz
	UK	Input : 220V-240V 50/60Hz	Output : 230V 50Hz

Which Devices Can It Power?

Camping		Heater - 600W 0.8 Hour		Projector - 300W 1.5 Hours		Electric Fan - 70W 6.5 Hours		Drone - 60Wh 7 Times		Camera Lantern - 6W 76 Hours
	Electronic Equipment		Computer - 250W 1.8 Hours		Laptop - 50Wh 9 Times		PS5 - 350W 1.3 Hours		Smartphone - 6Wh 76 Times	
Kitchenware & Tools			Microwave - 900W 0.5 Hour		Coffee Maker - 800W 0.6 Hour		Electric Cooker - 700W 0.7 Hour		Electric Drill(1/2") - 1080W 0.8 Hour	





INFINITY 1300

Time Saved, But Life Extended

LiFePO4

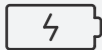
LiFePO4 Battery
3000 Cycles
Available for 10 Years



Fast Charging
AC Charging: 1.8 Hours
Solar Charging: 2.5 Hours

EPS

24/7 EPS Feature
Reliable Backup Power
for Sensitive Loads



High Capacity/Output
1382Wh Capacity
1800W Output

Capacity	1382Wh	
Cell Chemistry	LFP	
Lifecycle	3000 Cycles	
Input	AC Charging	1200W Max.
	Solar Charging	12V-100Vd.c./800W Max.
	MPPT Efficiency	99%
	Car Charging	12V-24Vd.c./8A Max.
Output	AC Outlets (x4)	1800W
	DC Outlets	2 x USB-A, 2 x USB-C, 2 x DC 5521, 2 x USB-A Quick Charge, 1 x Car Cigarette Lighter, 1 x Wireless Charging

APP	WiFi+Bluetooth	
Weight	19.2 kg (42.33 lbs)	
Dimension	418.7 x 230 x 287 mm (16.5 x 9.1 x 11.3 inch)	

	US	Input : 100V-120V 60Hz	Output : 120V 60Hz
	EU	Input : 200V-240V 50/60Hz	Output : 230V 50/60Hz
	AU	Input : 200V-240V 50/60Hz	Output : 230V 50/60Hz
	UK	Input : 200V-240V 50/60Hz	Output : 230V 50/60Hz

Which Devices Can It Power?

Portable Power Stations

Home Backup		Light - 10W 117.5 Hours		Router - 25W 47 Hours		TV - 150W 7.8 Hours		Blender - 350W 3.4 Hours		Refrigerator - 1000W 3.5 Hours
	Off-grid Life		Camera - 10Wh 117 Times		Laptop - 50Wh 23 Times		Drone - 60Wh 19 Times		Car Fridge - 100W 35 Hours	
Professional			Grass Mower - 450W 2.6 Hours		Electric Stove - 1000W 1.2 Hours		Electric Drill - 1080W 1 Hour		Circular Saw - 1200W 0.9 Hour	





INFINITY 1500

This Beast Never Turns You Off



Powerful

1512Wh Capacity
2000W Output



Fast Charging

AC Charging: 2 Hours
Solar Charging: 2.5 Hours

EPS

24/7 EPS Feature
Reliable Backup Power
for Sensitive Loads

Capacity	1512Wh	
Cell Chemistry	NMC	
Lifecycle	800 Cycles	
Input	AC Charging	1500W Max.
	Solar Charging	12V-100Vd.c./800W Max.
	MPPT Efficiency	99%
	Car Charging	12V-24Vd.c./8A Max.
Output	AC Outlets (x4)	2000W
	DC Outlets	2 x USB-A, 2 x USB-C PD, 1 x Car Cigarette Lighter, 2 x USB-A Quick Charge, 1 x Wireless Charging
APP	WiFi+Bluetooth	
Weight	16.5 kg (36.38 lbs)	
Dimension	418.7 x 230 x 287 mm (16.5 x 9.1 x 11.3 inch)	



US

Input : 100V-120V 60Hz

Output : 120V 60Hz



EU

Input : 200V-240V 50/60Hz

Output : 230V 50/60Hz



AU

Input : 200V-240V 50/60Hz

Output : 230V 50/60Hz


















UK

Input : 200V-240V 50/60Hz

Output : 230V 50/60Hz

Which Devices Can It Power?

Portable Power Stations

Home Backup					
	Router - 25W 51.5 Hours	Floor Lamp - 300W 4.3 Hours	Blender - 350W 3.7 Hours	Refrigerator - 1000W 3.9 Hours	Hair Dryer - 1800W 0.7 Hour
Off-grid Life					
	Camera - 10Wh 128 Times	Laptop - 50Wh 25 Times	Drone - 60Wh 21 Times	Car Fridge - 100W 39 Hours	Projector - 300W 4.3 Hours
Professional					
	Grass Mower - 450W 2.9 Hours	Electric Stove - 1000W 1.3 Hours	Electric Drill - 1080W 1.2 Hours	Circular Saw - 1200W 1 Hour	Electric Grill - 1300W 0.9 Hour





INFINITY 2000 PRO

Power Anytime & Anywhere



Battery Expansion
Expandable up to 6144Wh
Triple the Capacity



TT-30&Anderson
Power Your RV System and
Other TT-30 Loads



Cold Startup
Operate in Temps as
Low as -30°C(-22°F)



EPS
24/7 EPS Feature
Reliable Backup Power
for Sensitive Loads

Capacity	2048Wh
Cell Chemistry	LFP
Lifecycle	4000 Cycles
Input	AC Charging 1800W Max.
	Solar Charging 1200W Max.
	Car Charging 12V/24V, 8A Max.
	AC+PV Charging Max. 2300W, Max. 3000W with expansion batteries
TT-30 Charging	120V, 60Hz, 1800W Max.
Output	AC Outlets 4 x AC Outlets (1 x NEMA TT-30 for US Only) Pure Sine Wave, Total 2400W (Peak 4800W) US: 1800W Max. during pass-through EU&AU&UK&ZA: 2185W Max. during pass-through
	APP Yes (WiFi+Bluetooth)
Cold Startup	Yes, start from -30°C (-22°F)
Combine Charge	AC+PV, EV+PV, and TT-30+PV
EPS Feature	Yes
Smart PV Function	Yes
Weight	23 kg (51 lbs)
Dimension	457 x 247 x 310 mm (17.99 x 9.72 x 12.20 inch)
Warranty	5 years



Input : 100V-120V 60Hz
Output: 120V 60Hz



Input : 200V~240V 50/60Hz
Output: 230V 50Hz/60Hz

Which Devices Can It Power?

Portable Power Stations

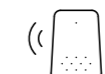
Outdoor Adventures



Smartphone - 11Wh
158 Times



Flashlight - 10W
174 Hours



Bluetooth Speaker - 20W
87 Hours



Light Bulb - 30W
58 Hours



Laptop - 60Wh
29 Times



Camera - 13.5Wh
128 Times



Drone - 40Wh
43 Times



Projector - 300Wh
5.8 Hours



Electric Grill - 600W
2.9 Hours



Room Heater - 1800W
1 Hour

Home & Emergency Backup



WiFi Router - 25W
69.6 Hours



Electric Fan - 30W
58 Hours



TV - 200W
8.7 Hours



Coffee Maker - 1000W
1.8 Hours



Table Saw - 1800W
1 Hour



Power & Beyond



Which Portable Power Station Is Right For You?



VITA 550



INFINITY 1300



INFINITY 1500



INFINITY 2000 PRO

Capacity	538Wh	1382Wh	1512Wh	2048Wh
Weight	8.16 kg (17.99 lbs)	19.2 kg (42.33 lbs)	16.5 kg (36.38 lbs)	23kg (51 lbs)
Dimension	12.2 x 8.4 x 7.8 inch	16.5 x 9.1 x 11.3 inch	16.5 x 9.1 x 11.3 inch	457 x 247 x 310mm (17.99 x 9.72 x 12.20 in)
Battery Chemistry	LFP	LFP	NMC	LFP
AC Input	500W Max.1.6 Hours	1200W Max.1.8 Hours	1500W Max.2 Hours	1800W Max.1.6 Hours
Solar Input	240W Max.2.5 Hours	800W Max.2.5 Hours	800W Max.2.5 Hours	1200W Max.2.3 Hours
Vehicle Input	12V/24V, 8A	12V/24V, 8A	12V/24V, 8A	12V/24V, 8A
AC+PV Charge Input	/	/	/	Max. 2300W, Max. 3000W with expansion batteries
TT-30 Charge Input	/	/	/	120V, 60Hz, 1800W Max.
AC Output	600W Max. (1200W Surge Peak) Watt+ (Up to 1050W)	1800W Max. (3600W Surge Peak)	2000W Max. (4000W Surge Peak)	2400W (Peak 4800W) Watt+ (Up to 3400W) US: 1800W Max. during pass-through EU&AU&UK&ZA: 2185W Max. during pass-through
EPS Feature	√	√	√	√
LED Light	√	×	×	×
APP	√	√	√	√
Combine Charge	×	×	×	√
Cold Startup	×	×	×	Yes, start from -30°C (-22°F)
Smart PV Function	×	×	×	√

100w Solar Panel

Rated Power
100W (+/-10W)

Output Circuit Voltage
21.16V (vmp 19.15V)

Output Circuit Current
4.96A (Imp 4.71A)

Cell Type
monocrystalline silicon

Weight
approx. 3.6 kg (7.93 lbs)



200w Solar Panel

Rated Power
200W (+/-10W)

Output Circuit Voltage
21.16V (vmp 19.15V)

Output Circuit Current
9.92A (Imp 9.42A)

Cell Type
monocrystalline silicon

Weight
approx. 7.0 kg (15.4 lbs)





VITA 550 +
100W Solar Panel*1

(538Wh Capacity | Solar Charge in 5-7 Hours)



VITA 550 +
200W Solar Panel*1

(538Wh Capacity | Solar Charge in 3-4 Hours)



INFINITY 1300 +
200W Solar Panels*2

(1382Wh Capacity | Solar Charge in 4-5 Hours)



INFINITY 1300 +
200W Solar Panels*4

(1382Wh Capacity | Solar Charge in 2-3 Hours)

Easy, Smart, Convenient!

Smart App



Monitoring

Real-time power consumption, input/output wattage, battery percentage level.



Control

Turn on/off the power, turn on/off the outlets.



Personalized Settings

Time schedule setting, personal preferences, mode setting, etc.,



Solar Pioneer

Solar will make a difference in the world's energy future.



Green Energy Pioneer
Since 2011



Integrated
Solar Solutions



All-Quality Matters
Award by TUV Rheinland



2022 Red Dot Design
Award Winner

Growatt We Are Pro!



Energy Storage Expert

Professional Energy Storage Expert
& Recognized Renewable Energy Brand



Top 1 User Side Energy Storage
Inverter Supplier



3.6 M Users
Worldwide



180+ Countries
Covered





GROWATT

Smart Energy for a Green Future

"Solar will make a difference in the world's energy future." Such belief inspired a group of passionate solar energy enthusiasts in 2011 and there began the story of Growatt. Over the years, we have been committed to powering a greener tomorrow by continuously expanding our offering portfolio to cover a wider range of green energy scenarios. Today, Growatt has become one of the top brands in the field of solar energy solutions, providing all-scenario green energy products for about 3.6 million individuals, families, and businesses worldwide. That's the essence of what we do – but we never stop here.