

GROWATT

INFINITY 1300

Time Saved, But Life Extended





INFINITY 1300

Portable Power Station

INFINITY 1300 secures your home's power and provides you with stored energy that you can use to power almost anything. All in a portable, compact unit. Ideal for home backup power, RVs, tents, or on the move.

INFINITY 1300

1382Wh | 1800W



BATTERY

Cell Chemistry	LiFePO4 (LFP)
Capacity	1382Wh
Lifecycle	>3000 Cycles
System Management	BMS

INPUT

Solar Charging	12V-100V, 12A, 800W Max
MPPT Efficiency	99%
AC Wall Charging	1200W, 200V-240V/60Hz
Vehicle Charging	12V/24V, 8A

OUTPUT

AC Outlet	4 x 230V~, 50/60Hz, Pure Sine Wave Max. 1800W, Surge Peak 3600W
Car Outlet	1 x 13.2V/10A, 132W Max.
DC5521 Output	2 x 13.2V/3A, 36W Max.
USB-A	2 x 5V/2.4A, 12W Max.
USB-A Fast Charge	2 X 5V/2.4A, 9V/2A, 12V/1.5A, 18W Max.
USB-C	2 x 5V/9V/12V/20V, 5A, 100W Max.
Wireless Charging	1 x 15W Max.

CONNECTIONS

Connections Mode	Wi-Fi & Bluetooth
App Management	Support

Why INFINITY 1300

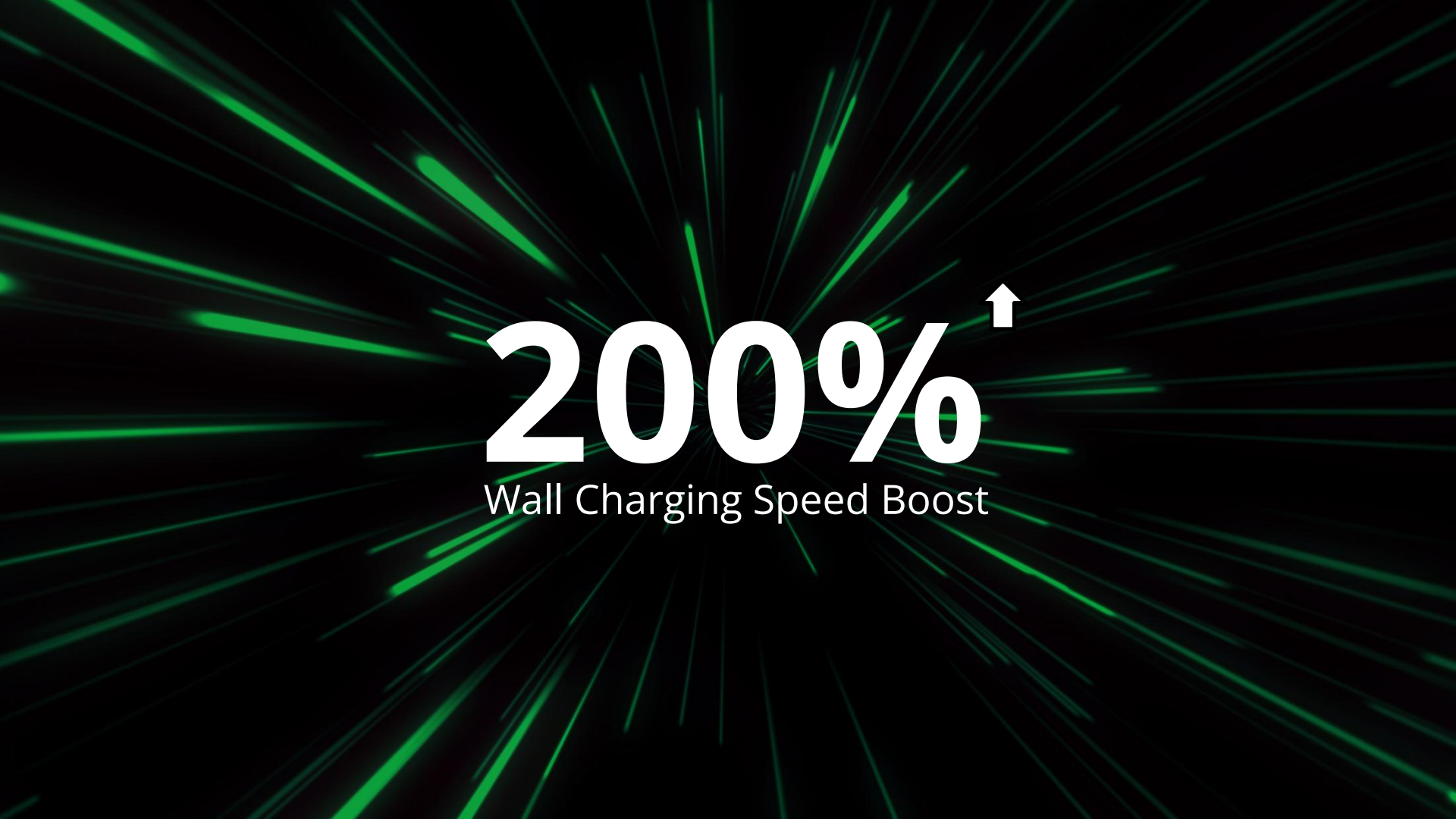
Last longer, charge faster & be more reliable





Save Time with **The Fastest Charging Ever!**

Power Your Life at a Blink!



200%[↑]

Wall Charging Speed Boost

Impressively **Fast Wall Charging**



Bi-Directional Inverter Technology

This technology allows INFINITY 1300 to accept AC current directly from wall socket, boosting charging efficiency by **200%** !

INFINITY 1300

Charge time: **1.8hrs**

1 Hour
From 0-80%

Others

Charge time: **4~5hrs**



Also make your charging easier without cumbersome adapters!

The **Solar Winner** on the Market



800_w

2.5 Hours to 100%
Compared to industry avg. of 5 Hours

What makes it a **SOLAR WINNER**?

Faster outdoor charging

2.5Hrs solar charge

More solar energy

Up to **800W** input

Efficient power conversion

99% MPPT

Various panel options

12V-100V DC range

Extend Your Life with **Long-Lasting Battery**

Using Leading LFP Batteries



Why **LiFePO4** Batteries A Better Choice

Safe Big with **Super Long Lifecycle**

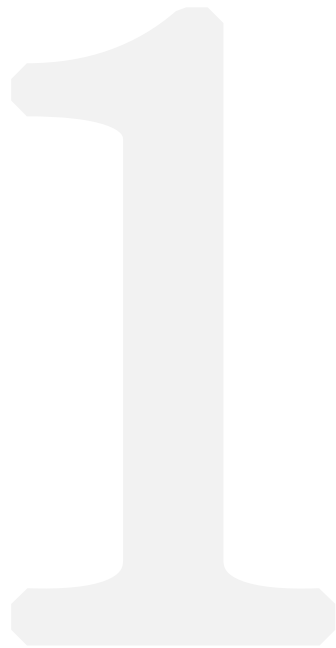


Enjoy the Ultimate **Safety**

The battery chemistry in INFINITY 1300 is built for stability. Its internal battery management system controls vitals to keep it secure, safe, and long-lasting.

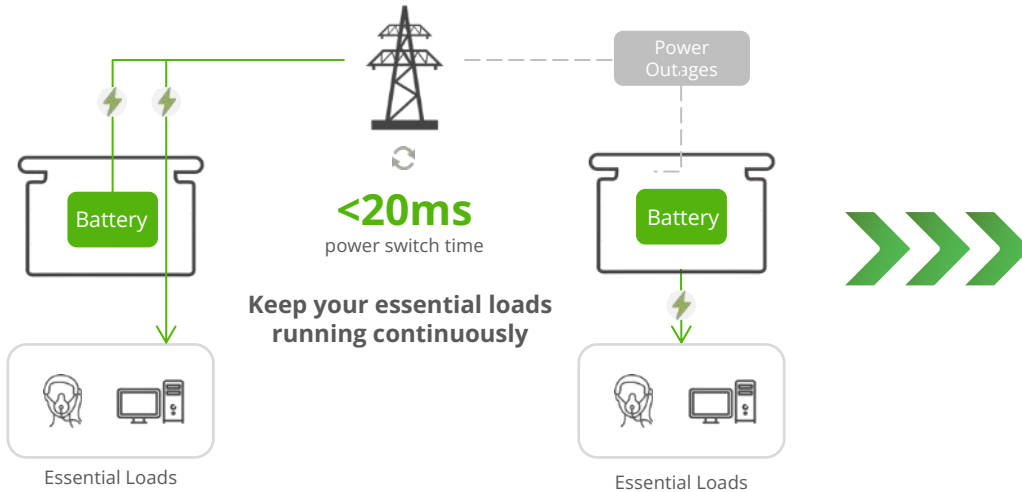
Extend Your Life with **Reliable EPS Feature**

Covering Even More Scenarios



EPS (Emergency Power Supply)

Guarantee Seamless Backup



Where does EPS provide the
Extra Value?

Continuous Power

Keep powering essential devices as you go out for days.

Reliable Backup

Prepare for unexpected power outages.

Secure Your Device

Provide consistent & stable power supply to secure sensitive loads.

Other Features

To Look At

- Huge Capacity
- Powerful Output
- Multiple Input
- Versatile Outlets
- Industrial Design
- Smart APP
- ...





Outdoor Activities

For camping, RV, photography and etc.,



Fan
(30W / 39Hrs)



Camp Lantern
(6W / 195Hrs)



Bluetooth Speaker
(20W / 58Hrs)



SLR Camera
(10Wh / 117 Cycles)



Projector
(300W / 3Hrs)



Drones
(60Wh / 19 Cycles)



Car Fridge
(100W / 33Hrs)



Electric Grill
(1300W / 54 Mins)



Cellphone
(6Wh / 195 Cycles)



Tablet
(25Wh / 46 Cycles)



Laptop
(50W / 23Hrs)



CPAP
(60W / 19Hrs)

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1382Wh - Power Almost Everything

Emergency Backup & Professionals

For power outages, woodcraft, architecture and etc.,



Coffee Maker
(1000W / 1 Hour)



Refrigerator
(1000W / 3Hrs)



Microwave Oven
(1000W / 1 Hour)



Rice Cooker
(700W / 1.6Hrs)



Hair Dryer
(1200W / 54Mins)



Electric Drill
(1080W / 1 Hour)



Grass Mower
(450W / 2.6Hrs)



Circular Saw
(1200W / 54Mins)



Router
(25W / 46Hrs)



TV
(150W / 7Hrs)



Blender
(350W / 3Hrs)



Floor Lamp
(100W / 11Hrs)



GROWATT

2 1800W Output to Cover All Your Needs



More than
95% of
Home & Outdoor Electric
Equipment

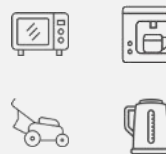
500W



1000W



1300W



1800W



**Power more with
INFINITY 1300!**

3 Ways to Charge Your Battery



Wall Charge



1.8 Hrs to 100% **1200W** AC Input

Solar Charge



2.5 Hrs to 100% **800W** Solar Input

Vehicle Charge



Support **12V/24V** standards

4 All-In-One Power Hub for Your Convenience

Power up to **14** devices simultaneously !



5

BMS Provides Multiple Layers of Protection

Increase Lifespan / Optimize Performance / Guarantee Safety

Battery System Monitoring

Monitor battery real-time security status

Temperature

State of Charge (SOC)

Voltage

Current



Product Level Protection

Provide full-protection for the whole system

Over/Low
Temperature Protection

Over/Low
Voltage Protection

Over Current
Protection

Short Circuit
Protection

Overload
Protection

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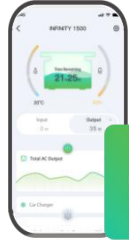
Smarter APP Control

Monitoring

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

Personalized Settings

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



Wi-Fi / Bluetooth



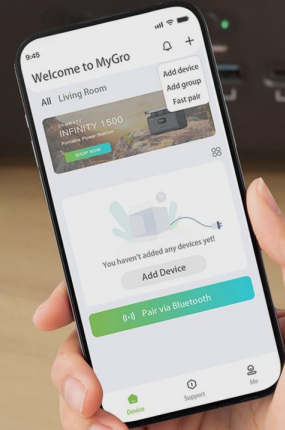
Control

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

Upgrade

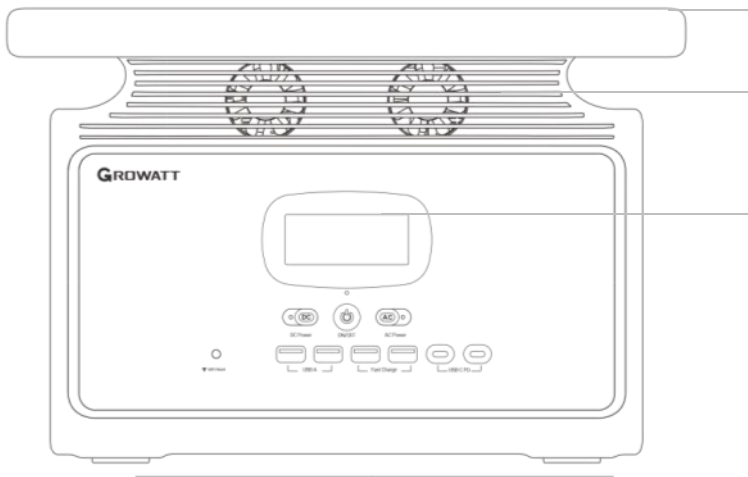
Remote firmware
upgrade

Easy, Smart, Convenient !



7 Customer-Focused Industrial Design

Flat Top Design
for space-saving storage



Dual Handle Design
for excellent portability

Adaptive Cooling System
Quiet fan speed control with linear adjustments

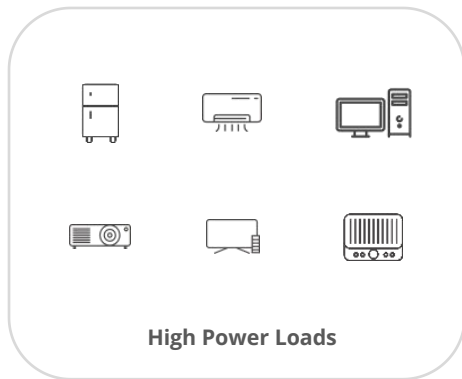
Smart LED Display
with full of precise details



Non-Slip Pad
for stable standing

8

Boost Your Capacity for Longer Hours



Multi-Unit Expansion

Great for long-term outages, camping trips, or your RV.

A Winning Product with Winning Performance

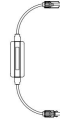


Brand / Model		Growatt INFINITY 1300	Ecoflow Delta 1300	Ecoflow Delta 2	Anker 757	Jackery 1500 pro
General	Capacity	1382Wh	1260Wh	1024Wh	1229Wh	1512Wh
	Battery Chemistry	LiFePO4	Lithium-ion	LiFePO4	LiFePO4	Lithium-ion
	Lifecycle	3000 cycles	800 cycles to 80%	3000 cycles to 80%	3000 cycles to 80%	1000 cycles to 80%
Input	Wall(AC/DC)	1200W	1200W, 1h to 80%	1200W, 50mins to 80%	1440W, 1h to 80%	2h
	Solar	800W 12V-100V/12A	400W 10-65V/10A	500W 11-60V/15A	300W	1200W
	Car	12V/24V, 8A	12V/24V, 8A	12V/24V, 8A	11-30V, 10A	12V, 8A
Output	Total Port No.	13	13	15	13	8
	AC Output	4 x 1800W/3600W	6 x 1800W/3300W	4 x 1800W/2700W	6 x 1500W/110V	3 x 1800W/3600W
	USB-C	2 x 100W	2 x 60W	2 x 100W	1 x 100W + 1 x 60W	2 x 100W
	Car Outlet	132W, 13.2V, 10A, Max.	108.8W, 13.6V, 8A Max.	126W, 12.6V, 10A, Max.	120W, 12V, 10A, Max.	120W, 12V, 10A, Max.
Advanced	APP	Support	/	Support	/	/
	EPS	Support	/	/	/	/

Expand Your Scenarios with Solar Panels



5Hrs 4 x 100W
Solar Panel



Perfect compatibility w/
MC4 Connector



2.5Hrs 4 x 200W
Solar Panel



We Are **PRO!**

Professional Energy Storage Expert

Recognized Renewable Energy brand

Outstanding Solar Performance

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

The story of Growatt began in 2011. As a pioneer in the field on solar energy, we have become one of the most recognized brands in smart renewable energy solutions and offers our eco-friendly innovations to more than 3 millions of individuals and families.

11 years of specializing in sustainable energy generation, storage and consumption and energy digitalization has succeed us in building all-scenario solar power solutions around individuals and family users.

Cover More Scenarios with Portable Power Series

In line with our goal to create a sustainable smart energy ecology and to encourage energy independence of each one, we expanded our reach to the field of portable power station to include the outdoor power needs for green energy enthusiasts and off-grid dweller, as well as to offer installation-free alternatives for emergency preppers.

The **EXPERT** of Energy Storage Solutions

The selection of more than **3 million** individuals & families all over the world

Focused

on individuals & families
solar energy solutions



GLOBAL NO.1

User Side Energy Storage Inverter Suppli



The World's No.1

Residential Inverter Supplier

Integrated Energy Solutions

with solar energy generation, storage, consumption
(EV Charger) and management system



Winning Performance

recognized by
authoritative organizations



All-Quality Matters Award

An **Pro** on Solar Energy Generation

Feature Winner on Solar Performance

Higher solar input to enable
Extremely Fast Solar Charge

Higher solar input to enable
Extremely Fast Solar Charge

99% MPPT efficiency for
Almost No Conversion Loss

Shorter Solar Charge Time to
Fully Utilize Daylight Sunshine

A Solar Pioneer **Since 2011**

Top Solar Energy Brand Recognized by Industry Authorities



EUPD Research
TOP BRAND PV SEALS

All-Round Service with Cloud Platform



MyGro APP

User-side

- Monitoring
- Control
- Customized Settings
- Upgrade



Online Smart Service (OSS)

Customer Service

- Remote upgrade through the cloud to always deliver superior performance.
- Help resolve customer problems remotely.
- Enhanced data security to protect user information.



In-House
Manufacturing
Quality & Reliability First

GROWATT
World-class Manufacturing Center
*100,000m², 3M+ Shipment

* Data as of Aug. 2022

Local
Support
Being Responsive



Local
Warehouse



Local
Customer Support

THANKS



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 Growatt New Energy