

DIPOWER®

Green Energy Makes the World Better

Outdoor Portable Power Station

Compact | Lighter | Durable

1000W/2000Wh



Product Features

- Light weight design, easy to carry. One-button start, simple operation.
- Silent operation, suitable for indoor and outdoor use, ensuring safe and comfortable experiences.
- Supports PV (photovoltaic) DC charging and mains AC charging.
- Multiple out put interfaces to meet charging needs for various devices.
- Stable performance in extreme temperatures(-20℃ to 45℃), showing outstanding adaptability.
- Advanced smart monitoring for real-time safety.



- Multiple charging methods: PV DC and mains AC charging.
- Modular PACK design for flexible combinations and easy maintenance; comprehensive protection functions.
- Built-in BMS (Battery Management System) with intelligent control, for over-temperature, over-current and over-voltage protection.
- Flexible configuration and scalability; compatible with PCS, EMS and fire protection systems(electrical/battery PACK).

Application Scenarios

► Road Trips:

Supply power to car refrigerators, digital devices, etc., ensuring that various devices can operate normally during travel.



► Emergency Backup:

Acts as a backup power source for homes or workplaces during outages and maintenance, supporting basic electricity needs.



► Outdoor Work:

For those who need to work outdoors, such as geological explorers and mechanical engineers, outdoor power sources can provide power to ensure the smooth progress of work for devices such as laptops and electric fans.



► Outdoor Activities:

In camping, hiking or any outdoor activities, outdoor power sources can be used to supply power for portable electronic devices such as mobile phones, cameras and GPS.



Core Technologies

► Safety:

- Adopts LifePO4(Lithium Iron Phosphate) batteries, featuring low internal resistance to ensure safety and reliability.
- BMS lifespan estimation algorithm to proactively enhance safety.
- Self-resetting slow charging technology extends battery life and provides a more stable charging process.
- Short-circuit protection on output terminals.
- Battery safety warning system, with life cycle detection technology.



► Efficiency:

- High-efficiency bidirectional inverter technology, 1-hour fast charging with real-time control.
- The industrial design adopts DSP control, and the inverter efficiency is as high as 94%.



► Portability:

- Lightweight, ergonomic design with an intuitive interface. Higher energy density, environmentally friendly, compact size, and easy portability.



DIPOWER[®]

DDBX06314 Series

Outdoor Portable Power Station



Specifications

MODEL	DDBX06314
Specification	1KW/2KWh
Cell Chemistry	LFP
Working Temperature (°C)	0°C-55°C
Cycle Life	6000
Nominal Energy	2S1P314Ah
Nominal AC Output Power (W)	1000W
Max. AC Output Power	1400W(3s)
AC Charging power	220V 5A
PV Maximum Input Power	450W
Maximum DC input Voltage	60V
PV Array MPPT Voltage Range	12V-50V
Depth of Discharge	95%
ON/OFF	Press Power button for 2S (±0.1S) to activate AC output. Long press 2s (±0.5S) to turn off AC output.
Socket	EURO Socket 1pcs+Universal Socket 1pcs
USB-A	3PCS
TYPE-C	1PCS
EPS	Supported
Cooling Method	Air-cooled
Lighting	LED Light 12W high brightness
Display Screen	LCD
Dimensions (L*W*H)	280*250*280mm
Weight (KG)	19