



GDUP-1000 Pure Sine Wave On-site AC Test Power Supply



General information

The GDUP-1000 is a versatile portable pure sine wave on-site AC test power supply. Also known as on-site AC and DC test power supply, AC and DC emergency power supply, field test power supply, mobile test power supply. It has a safe power lithium-ion battery and efficient SPWM inverter conversion technology, with light weight, small size, long life and high capacity.

Application

Widely used in outdoor equipment such as power equipment emergency repair, power field test, mobile office, medical rescue, fire emergency rescue, environmental protection, emergency communication support, and power storage backup. It also

provides a safe and reliable power source for instruments in the laboratory or in the field.

Main Application

- 1, 220V/50Hz pure sine wave AC output
- 2, can order 110V, 60HZ output (export to Japan and the European Union)
- 3, 12V/10A DC output, 5V/2A-USB dual port output,
- 4, 24V/20A DC output;
- 5, LED emergency lighting;
- 6, Intelligent display, display battery digital power, input and output power and remaining working time;
- 7, Car charger, solar charging (optional);

Features

- 1, Built-in large-capacity polymer lithium battery, large capacity, extremely safe charging and discharging, no burning, no explosion
- 2, More than 1000 charge and discharge cycles
- 3, Work properly at -20 °C - +50 °C .
- 4, High performance, no pollution, green and environmental protection
- 5, Self-discharge small: at room temperature for one month, self-discharge less than 5%.
- 6, With DC 5, 12, 24V output, AC 110V/220V output.
7. It has cascading output function, which can realize automatic switching between main and auxiliary power sources, and extend the power supply time through multi-stage cascading.
- 8, Large size LCD screen, eye-catching display voltage, current and other parameters.
9. AC pure sine wave output with strong load capacity.

10. It has automatic protection functions such as overcharge, over discharge, overload, overheat and short circuit.

11. Smaller, lighter and stronger: the battery of the same capacity is 50% less than the weight of lead acid. Under the same load-bearing capacity, the floor space is only about 30% of the lead-acid battery.

12, Configure a special backpack, easy to carry.

13. The battery capacity retention rate stored for 12 months is ≥ 80 .

14, The battery itself protection level: IP56.

Technical Specifications

Model	GDUP-1000
Continuous output power	1000W
Peak power	2000W
Output voltage	AC Pure sine wave 220V/50HZ or AC 110V/60HZ , DC 12V10A 5V2A 24V20A
Battery model	18650-16P7S(3.7V 3300mAh)
Battery capacity	25.9V 41.6AH
Lifetime	70%@1000 cycle
Charging time	8 ~ 9 H (29.4V5A charger) 5 ~ 6 H (29.4V8A charger)

Charging voltage & current	DC10~40V 8A, (Solar wind energy charging, car charging)
Protection function	Overvoltage, over temperature, overload, AC short circuit protection, self-recovery
Working environment	-20°C ~ 60°C
LED light	LED 1W
Cooling method	Fan forced cooling
Size(mm)	345*246*172(L*H*W)
Housing material	UL94-V0 PC+ABS
Weight	8.0 kg