

SPECIFICATIONS

General	Operating Temperature	32 °F to 104 °F (0 °C to 40 °C)
	Dimensions	9.84" x 7.48" x 9.45" (250 mm x 190 mm x 240 mm)
	Weight	18.7 lbs (8.5 kg)
	Simultaneous Charge & Discharge	Yes
Battery	Cell Chemistry	LiFePO4
	Pack Capacity	512Wh (20 Ah, 25.6 V)
	Cycle Life	2000+ cycles
	Storage	Charge every 6 months
	Protection	Over/under voltage, over current, over temperature
AC Output	AC Voltage	120 V
	Frequency	60 Hz
	AC Waveform	Pure Sine Wave
	Continuous Output Power	500 W
	Peak Output Power	1000 W 1 seconds
	Protection	Overload, over temperature
DC Output	USB	4 x USB A: 5V/2.4A, 9V/2A, 12V/1.5A 18W max combined power per pair
		1 x USB-C PD 3.0: 5-15V/3A, 20V/5A 100W max
	DC 12V Barrel Connectors	2x 12V/5A
	DC 12V Cigarette Port	1x 12V/10A
Charging	Wall Charging	12-30V, 8A, 120W max
	Solar Charging	12-30V, 8A, 120W max

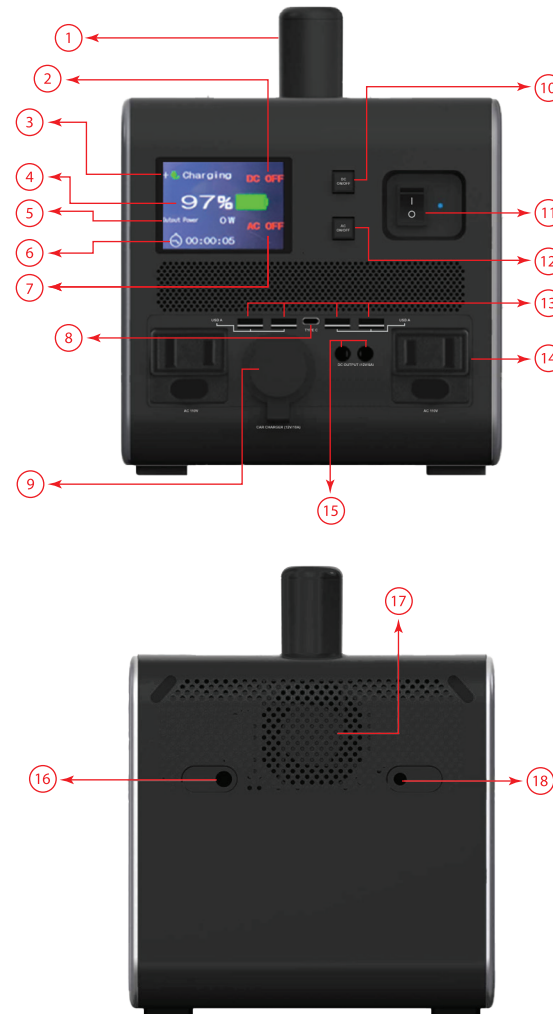


GP-DURACUBE-500

PORTABLE POWER STATION

Quick Start Guide

DURACUBE



NO.	DESCRIPTION
1	Carry Handle
2	DC ON/OFF Status
3	Charging Indicator
4	Remaining Capacity
5	Total Output power
6	Operating time
7	AC ON/OFF Status
8	Type-C output port
9	DC 12V output port
10	DC ON/OFF
11	Main Power switch
12	AC ON/OFF
13	USB output port
14	AC output port
15	DC 12V barrel output port
16	AC & Solar Charging Port
17	Cooling fan
18	DC charging port

OPERATING INSTRUCTIONS



Please fully charge before first use. To extend the life of your product, always keep your DuraCUBE "powered off" when not in use.

TURNING ON/OFF

Press the power switch (11) up to turn on the DuraCUBE. This will turn the LED screen on. Turn off the DuraCUBE when not in use by pressing this switch into the down position.

AC POWER

To turn on the AC power and activate the sockets (14), press the AC ON/OFF button (12). AC ON should now be showing on the LED screen.

When your device has been charged or the socket is no longer in use, press the AC ON/OFF button (12) to disable the power inverter.

DC POWER

To turn on the DC power and activate the cigarette port (9), the DC 12v port (16), or the car jump-start port (15), press the DC ON/OFF button (10). DC ON should now be showing on the LED screen.

When the ports are no longer in use, press the DC ON/OFF button (10) to disable the DC function.

CHARGING

Your GP-DuraCUBE-500 has two charging ports on the back of the unit. One is for standard wall charging as well as charging via solar panel (17). The other is for charging via a cigarette lighter (sold separately) (19)

AC CABLE

The AC wall adapter is delivered in two pieces. Connect the two pieces by plugging the cable into the box.

Using the AC Wall Charger, plug your DuraCUBE into a wall outlet. This unit is charging when the battery segments in the LED display are blinking. It is fully charged when the battery segments on the LED display are solid. It takes approximately 10 hours to recharge the GP-DuraCUBE-500 from 1% to full.

NOTE: Please only use the wall charger provided in the box. Using a different charger may damage internal components and void your warranty.

SOLAR CHARGING

The GP-DuraCUBE-500 can support up to 120-watts of incoming solar power. When connecting to solar, connect the panel to the DC charging port on the back (17), and place your panel in the sun. For maximum solar charging, it is recommended to move your solar panel throughout the day to track the sun's exposure.

Based on using the maximum panel input of 120-watts, the GP-DuraCUBE-500 may take approximately 10 hours of full sun to recharge from 1% to 100%.

NOTE: There is an internal Maximum Power Point Tracking (MPPT) solar controller built into the GP-DuraCUBE-500. It is therefore recommended to charge the DuraCUBE with a solar panel that DOES NOT have an onboard solar controller, such as the Go Power! DuraLite 100 watt expansion kit (GP-DURALITE-100E).

If unsure of your solar panel components, please contact your solar panel manufacturer.

WARNINGS

	This unit IS NOT weatherproof	Never leave your DuraCube unattended, or subject to inclement weather.
	Observe caution while connecting	Electricity can be very dangerous. Take appropriate caution when making connections.
	Battery and wiring safety	Observe appropriate safety precautions when handling or working around batteries.
	Wiring connections	Ensure all connections are tight and secure. Loose connections may generate sparks and heat. Be sure to check all connections regularly.
	Observe correct polarity	Reversing polarity of the any plugs will cause the unit to give a warning tone. The unit will not function unless connections are made with proper polarity. Failure to correct polarity could damage the DuraCUBE's internal components.
	Do not exceed the Charge Controller current and voltage ratings	Refer to manual for details.