

Portable Power Station

Applicable to GT1500 / GT1200 / GT1000 product manual

Please read the instruction manual carefully before use

(a) Introduction

Thank you for purchasing Portable Power Station.

 This manual is written to guide you in the safe and effective use of your portablepower station.

 This manual describes the correct operation, inspection and care of this injury or otherlife-threatening dangers, so please read this manual carefully before using this product.

 After reading this manual, please keep it in a safe place for easy reference at any time.(Please note that the pictures in this manual are for illustrative-

• Due to changes in specifications, the illustrations and contents of this

product. If this product is used incorrectly, it may cause electric shock,

Precautions Precautions

1. Before using the product, please read this manual to ensure that you fully understand how to use the product correctly.

implantable pacemaker or similar device, please check with your doctor or medical device manufacturer before using it.

or electric shock

purposes only, and the product may be different from the pictures).

For your safety and the safety of others, please follow the instructions below.

2. Do not use this product for medical equipment, as this may cause accidents. When this product and charger are used, electromagnetic waves are generated. If you are using an

3. Do not attempt to disassemble or modify this product, as this may cause overheating, fire or electric shock. Do not strongly impact or drop the product.If the product is deformed or damaged, please do not use the product. This may cause fire, burns, electric shock, or injury. 4. Do not damage the charger body, wires or plugs. Using damaged products may cause fire

5. Do not use the charger in places with a lot of steam, dust, oily smoke or corrosive gas. Do not expose the product to high temperature or corrosive gas. Do not put the product in the fire or heat it. Do not usethis product near a fire, under the scorching sun, near a stove, in a the product to overheat, rupture or catch fire.

not let the product get wet with rain, water orsea water and other liquids.Do not use this contact with liquids, as this may cause overheating, fire or electric shock. 7. Do not connect the AC output to any wires of the power company or indoor wires, as this

may cause electric shock or fire. When charging the product, besure to use a dedicated

adapter. When charging the product, Don't use random charger, as this may cause

6.Do not operate the product or charger with wet hands. This may cause electric shock.Do

panels to charge the product battery. Please charge within the standard power supply voltage (Europe/China 220-240Vac/50Hz)/(US or Japanese version only supports 100-120Vac (50Hz/60Hz). Do not exceed the specified AC voltage, otherwise it will cause product failure, the company will not take the responsibility of providing free maintenance

8. Do not plug the accessory cigarette lighter car charging cable into the car cigarette lighter socket when it is not in use, because this may cause it to overheat or catch fire.

> 9. If you find any unusual smell, overheating, discoloration or deformation during arging, please unplug the charger from the socket. This may cause the battery to leak, overheat or catch fire. When connecting the power plug of electrical equipment to the the power supply process, please unplug the device from the socket. This may cause the battery to leak, overheat or burn.

10. Please keep it out of reach of children, otherwise it may cause electric shock or 11. Do not store in a humid, dusty or high temperature environment. Because this may

reduce the insulation performance, resulting in overheating or fire. Storage at high

temperatures may also shorten the life of the battery.

12. This product should not be disposed of together with domestic garbage. Please dispose or recycle this product and battery in accordance with local regulations.

A: Portable Power Station X1 D: Type-C line X1 B: Adapter X1 E: User Manual X1 C: Cigarette lighter car charger cable X1 F: Storage bag X1

1. LED light button

5. DC (6530) input port

6. USB output button

7. USB output port

4. DC-cigarette lighter output port

2. LED lighting

3. DC output button

Function description (U) POWER button Long press "POWER" to turn on, the LED display will light up, and the batterytemperature display, OUTPUT, POWER, INPUT, WATTS, and battery icons will all light up. Press and hold the button for more than 3 seconds to turn off the product. AC output button 11 When using an AC outlet for output, turn on the power of the product and press the "AC output button". If you press this button while using AC output, the AC outputwill be DC DC output button

8.Type-C output port

9.POWER button

(Japanese standard only)

13.AC output button

10. LED display

11.AC socket

USB USB Output button When using USB and Type-C output, please turn on the power of the product and short press the "USB output button". If you press this button while using USB and Type-C 🞾 LED light button

To use the DC cigarette lighter output, please turn on the product power and shortpress

the "DC output button". If you press this button while using the on-board output, the

on-board output will be turned off.

To use the LED lighting, please turn on the power of the product and short press the "LED light button". If you press the LED light button while using the LED light, $\,$ the LED light will turn off.

50Hz/60Hz frequency switch (Japanese standard only)

* AC frequency switch can be customized* Turn off the AC output before switching the 50Hz/60Hz frequency, switch the "frequency switch" to the terminal matching frequency position, and then press the ACoutput button, otherwise the wrong frequency will damage the electrical equipment.

Display description

AC-OUT USB DC-OUT TYPE-C

9 10 11 12 2: The fan icon is ON 86, which means the fan is ON 3: Temperature value icon 4: Battery level icon 5: Fast charge icon 6: Output power value (updated once in 3S) 7: The warning icon is ON 🛕 , which means abnormal temperature alarm 8: Input power value 9: The AC-OUT icon is ON to indicate that the AC inverter function is ON. Working output voltage 10: The USB icon is ON to indicate that the USB output is on (3 USB ports simultaneously output power <25W) 11: The DC-OUT icon is ON, it means the cigarette lighter is turned on and 12: The Type-C icon lights up to indicate that Type-C is working.

*Long press the POWER button to turn ON, and the port output is turned on by the button, and the display shows the corresponding port icon.

*When the product recognizes that there is a charging input, the green LED indicator is on. When the product is not fully charged, the battery icon in the display is indicated by a marquee, and the charging power prompt can be seen; the battery bar in the fully charged screen will be fixed and there is no power prompt (when the product is almost

It will enter trickle mode. It is recommended to continue charging for about 20minutes until the screen displays the input power as "00" or "01". *The product only allows the DC output port to work when charging, AC cannot work.



18.2-18.6V. At this time, the product will enter the dormant state due to low voltage protection; the product must be charged at this time . 2. When the temperature is about -10°C, only the USB function and the LED light can be

the DC part of the function can continue to be used up to the battery pack voltage

During the use of Type-C, pressing the POWER button will enter the dormant state. At this time, you need to unplug the Type-C cable before you can activate

is within ±2°C).

1. When the battery pack voltage is 19.8V, the AC function of the product stops using, and

used normally; AC can be turned on when the ambient temperature is less than -5°C, USB/Type-C, and cigarette lighter plug-in can be turned on normally (The temperature error

3. Due to the low temperature properties of lithium-ion iron phosphate batteries, it is recommended that the product be used in an environment above -3°C.

the product through the POWER button.

Operation guide A: How to use USB/DC/Type-C output A: How to use USB/DC/TYPE-C output . Long press "POWER" to turn on.

2. Short press the "USB/DC output button". The "USB ""DC-OUT" "TYPE-C" icon lights up, and the USB / DC-OUT / TYPE-C output starts to work. B. Insert the USB data cable, DC (car charging cable) or TYPE-C data cable plug for DC 4. After using the DC appliance, pull out the plug and turn off the output button. B: How to use AC outlet output

B: How to use AC outlet output I. Long "POWER" to turn ON. 2. Adjust the output "frequency switch" to select the appropriate frequency for the 3. Long press the AC output button; when "AC-OUT" appears on the LED display,the AC 4. Insert the AC plug of the equipment to be used into the AC socket of the product.

C. How to use LED lighting

1. Long press "POWER" to turn on. 2. Short press the "LED light button" ,to mode 1: the LED light will be highlighted, 3. Short press the "LED light button",to mode 2: the LED light is on, 4. Short press the "LED light button" ,to mode 3: the LED light flashes, 5. Short press the "LED light button" ,to mode 4: the LED light enters the "SOS" mode, D. How to change the AC output frequency (Japanese only)

Frequency switch * AC frequency can be customized *

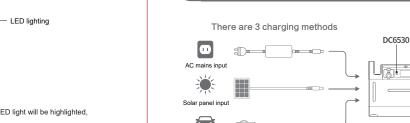
AC frequency can be switched between 50Hz and 60Hz

1. Long press "POWER" to turn on. 2. Check the frequency of the equipment to be used. the AC output starts to work.



6. Long press the "LED light button" in any mode for 2-3 seconds to turn off the LED light.

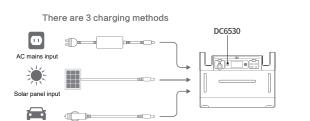
3. Adjust the AC output frequency switch to match the frequency of the equipment 4. Long press the AC output button, when "AC-OUT" appears on the LED display,



Car cigarette lighter input

If the internal temperature of the product rises during the charging process, the cooling fan will be activated to cool the device by blowing air.

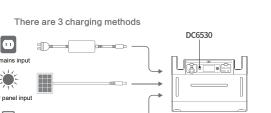
Charging method



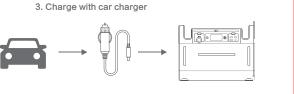
1.Charge with solar panels

1. Place the solar panel (CTECHI optional solar panel is recommended) under direct When the solar panel output port is connected to the product input port, this product supports MPPT input voltage range 15-24V/input current 6-8A (18V200W recommended).
 When the battery icon on the display is indicated by.
 a marquee, it means normal charging.

4. When the battery display is full and always on, the built-in overcharge protection circuit control module will be activated, and the charging will stop automatically, indicating that the charging is complete. Please remove the solar panel from the device.



2. Charge with AC adapter



2. Please use the standard adapter to charge the product, it takes about 7 hours to fully

. Insert the provided cigarette lighter car charging cable into the car cigarette lighter seat and

3. During the charging process, when the internal temperature of the battery rises, the cooling fan is activated to cool the battery by blowing air. 4. When the battery display is full and always on, it means the charging is completed, the built-in overcharge protection circuit control module will be activated, and the charging will stop automatically. Please disconnect the car charging cable from thedevice and the car in

 When the battery level is 0%, the battery frame flashes for 3 seconds, and it willautomatically shut down. When the charger is plugged in to charge, the first bar will flash up. When the power is between 1%-10%, one grid is always on, and it flashes upwardsfrom the corresponding number of grids when charging (0.5S interval flashing).

Battery display

Package content

State of charge	5. W
S10:91-100%	from 6. W
S9:81-90%	up fi 7. V
S8:71-80%	upw
S7:61-70%	8. W flast (0.5
S6:51-60%	9. V upw
S5:41-50%	10.1
S4:31-40%	the (
S3:21-30%	corr *Wh
S2:10-20%	"cha the
S1:1-10%	stori ever
	\$10:91-100% \$9:81-90% \$8:71-80% \$7:61-70% \$6:51-60% \$5:41-50% \$4:31-40% \$3:21-30% \$2:10-20%

Battery indicator	State of charge	numbe
		5. Whe
	S10:91-100%	6. Whe
	\$9:81-90%	up fron
	S8:71-80%	7. Who upward
	S7:61-70%	8. Whe flashes (0.5S f
	S6:51-60%	9. Who
	S5:41-50%	10. Wh
	S4:31-40%	11.Who
	S3:21-30%	corresp *When
	S2:10-20%	"chargi the pro
	S1:1-10%	store t every 3

4.When the power is 21%-30%, the three bars are always on, and the corresponding number of bars flashes upwards when charging (0.5S interval flashing) When the power is between 31%-40%, the four bars are always on, flashing upwards in the corresponding number of bars when charging (0.5S interval flashing)

hen the battery level is between 41%-50%, the five bars are always on, and it flashes om the corresponding number of bars when charging (0.5S interval flashing) When the power is between 51%-60%, the six bars are always on, and it flashes owards from the corresponding number of bars when charging (0.5S flashes at intervals) en the battery level is between 61% and 70%, the seven bars are always on, and it s upwards from the corresponding number of bars when charging flashes at intervals) When the battery level is 71%-80%, the eight bars are always on, and it flashes vards from the corresponding number of bars when charging (0.5S interval flashing) When the power is 81%-90%, the nine bars are always on, and it flashes upwards from orresponding number of bars when charging (0.5S interval flashing)

P	roduct s	pecifications	(3)
=			On a The
od	lel	GT1500	One: The
		1210Wh	Please make
djustment method		sine wave	temperature
		27V/8.5A, up to 180W	When conner plug to the ro input termina
ligl tpu	hter ut	12V=10A 120W	Please check need to rech
	Japanese standard*4 US standard*4 European standard*2 Chinese standard*2	100V-120V 60Hz Rated power: 1200W Peak value: 1700W	Please check power limit o protection, ov protection, et shut down. P
		5V-2.4A (12W)	Two: Wha
utp	out*1	5V/9/12/15/20V (maximum 60W)	4 340 0
		2W	1. When the USB icon flas
		Lithium iron phosphate battery	2. When Type Type-C icon f
		more than 2000 times	3. When the
ng temperature		0°C~40°C	output, and th
temperature		-10° C~40°C	4. When AC o
mnerature		10° C. 10° C	

400*210*290mm

Storage temperature -10° C~40°C temperature control, surge protection, short circuit protection, etc. Safety protection

Common fault prompts and solutions

he product cannot be powered nake sure that the POWER button and output button are turned on. (If the ambient ure is not within the range of -10°C to 40°C, the power supply may not be available). necting the power plug of electrical equipment to the machine, be sure to insert the root. If there is any water or foreign matter on the charger connector or charging nal, remove it. check the remaining power on the display. If the remaining power is less than 10%, you recharge the portable emergency power supply. k whether your device voltage and power consumption are higher than the output

/hat are the common display fault prompts?

e USB is over-current or short-circuit protected, the port closes the output, and the ype-C over-current or short-circuit protection, the port closes the output, and the n flashes to warn. the cigarette lighter output over-current or short-circuit protection, the port closes the nd the DC-OUT icon flashes to warn. AC continues to output to the low voltage of the product, the AC icon on the screen an error and flash, and the AC will turn off the output.

(2. When the AC is overloaded, the inverter board AC shuts down the output; the "AC" on \(\times\) screen will flash and alarm. After the overload state is removed, press the AC output buttown the screen will clear the error message, and then restart the AC function button to restorate output. (3. When the AC is over-voltage, the AC closes the output, after removing the overvoltage restart the AC function key to restore the output

6. When the battery is 65°C over temperature protection, all outputs will be turned off. The temperature value shows the highest battery temperature value. The temperature icon and temperature value flash at the same time (1 flash for 1 second), and the fan works until the battery over temperature protection is released. The display is completely black, disconnect all electrical equipment on the produc charging the power for 2-3 minutes, turn on the POWER button and the display will be

Three: When I charge the portable power supply, the adapter becomes very hot, is this normal? maximum temperature of the adapter is 75°C. For your safety, the configured adapter has

6) Failure or damage caused by fire, earthquake, flood or other natural disasters. passed UL, CE, GS, PSE, TUV, ETL, CCC and other certifications.

8. If the dealer's name is not written or stamped, please submit the proof of the date of purchase and the dealer's name to the dealer who purchased the product, such as a receipt issued by the dealer. Warranty policy

This guarantee guarantees that the product will be replaced free of charge under the conditions stipulated in the guarantee policy. Please read the guarantee carefully and keep it in a safe place.

instruction manual. 2) Failure or damage caused by improper storage and storage (complete discharge). 3) Failure or damage caused by the use of a non-designated power adapter.

5) Failure or damage caused by falling, vibration, water leakage, condensation, etc. after 7) Any appearance change or discoloration caused by use. Failure or damage caused by use at temperatures other than the applicable operating temperature.

4) Failure or damage caused by improper repair, disassembly or modification.

If you do not have such proof, please contact yourdealer or the company which you purchased the product.

If you purchased the product in our online store, you must provide proof of the date of purchase, such as a screenshot of the invoice, order number or order history, together with Only when the product is used in accordance with the instructions in the operating instructions and fails within the warranty period, it will be replaced. Products replaced during the warranty period become the property of the company.

Warranty card

4. There is no guarantee for secondary damage caused by the malfunction of this product. We are not responsible for any failure or malfunction of other equipment caused by the use of this product. This manual is only valid for use in (this sales area), and the company has the final interpretation right. 7. This manual will not be reissued, so please keep it in a safe place.

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Model is GT1500/GT1200/GT1000 Warranty period 1 year from the purchase date