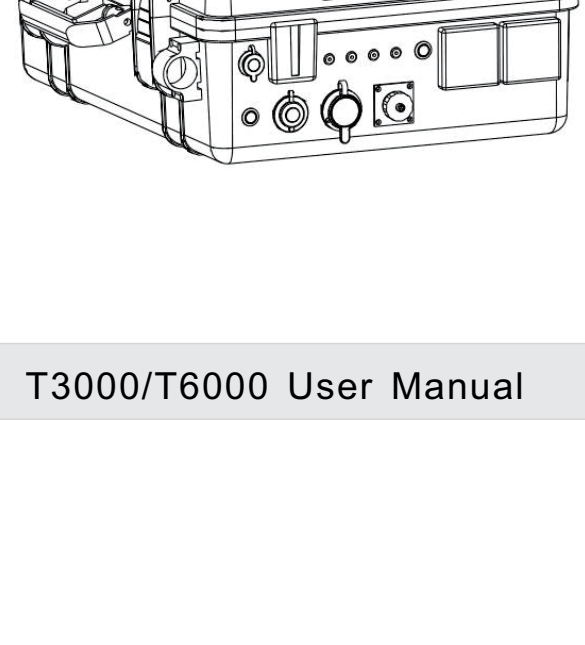


PORTABLE POWER STATION



T3000/T6000 User Manual

PORTABLE POWER STATION

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1. Product introduction :

T6000/T3000 is a portable AC/DC power station with built-in lithium battery, which is designed with the safe lithium-ion battery and inverter technology. It's very easy to carry and convenient offering power to electrical appliances with advantages of light weight, large capacity , high power and multiple functions; This item is always used in the field of emergency communication, power lines repair, medical facility, exploration and survey, military, fire rescue and somewhere is lack of power energy.

The followings are its main functions:

- ◆ 220V/50Hz or 110V/60Hz pure-sine wave AC output
- ◆ Battery capacity display
- ◆ DC output 12V10A ,DC output 48V50A
- ◆ High-power LED emergency floodlights for option

Please read carefully the manual before using our product. And please save with the purchase voucher for future reference usage.

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T3000/ T6000 Technical specification

Model	T3000	T6000
AC Out Power	3000 W	
Output voltage	AC Pure-Sine Wave 110V/60Hz DC 12V10A 48V50A	
Battery capacity	2963Wh (51.8V57.2Ah)	5657Wh (51.8V109.2Ah)
Battery type	Lithium battery	
Charging time	5-6H	7-8H
Charging voltage and current	DC58.8V 9A	DC58.8V13A
Protection	Over-voltage,low-voltage,over temperature,overload,AC short circuit protection	
Temp	0°C-45°C(Charge),-20°C-45°C(Discharge)	
Dimension(cm)	L58*W46*H25	
Weight(kg)	30	43

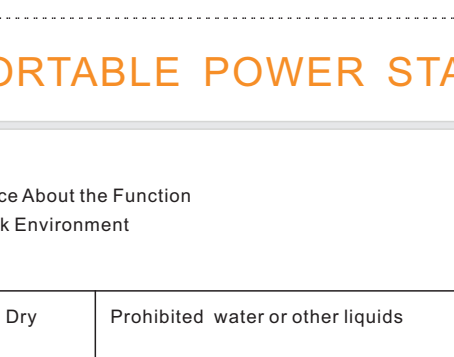
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2. Panel function description

Packed List

NO.	Packed List	Quantity
1	Charger and charging cable	1
2	Aviation plug	1
3	High-power LED emergency floodlights (Option)	1
4	User manual	1

Front Panel



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3. Operation Instructions

Please read the instructions carefully in order to our power supply device correctly or it may cause damage due to incorrect use or inadequate understanding.

3.1 Support of the floodlights: This power station can offer power supply with AC 220V(Custom 110V can be powered by AC 110v voltage) for two pieces of floodlights (optional)with 60W. The support can be adjusted according to different heights since it's made of flexible aluminum holders; During using, first plug cable of the floodlight into socket and then turn on the switch, the light will work; And if you want turn off it, just need turn off the AC output or pull up the cable directly.

3.2 Resetting Key: When overload and short-circuit protection for lithium battery worked, you should first active output by charging the device. Or you can press the resetting key to active it. But the precondition is that there is no load work and short circuit products and overload protection are removed. At this situation,at this situation, just need to long press the key.

3.3 DC output switch: Press the switch, 12V DC output will work from the cigar socket, at the same time, the blue light indicator for switch and battery capacity indicator are on. And the lights will be off after turning off the switch.This switch simultaneously controls the output of the DC 48V.

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3.4 12V10A DC output for cigar socket: The fluctuation range of voltage is ±1V; max current is 10A and the overload protection value is 15A.

3.5 DC charging port: The diameter of DC charging port is aviation plug with 25mm, one pin is '+', two pins are '-'; Please use the original charger to charge for the equipment with voltage of 58.8V and max current 20A. The standard charger is with 9A or 13A current. During charging ,the battery volume indicator will flash one by one and will go off when it's fully charged.

3.6 Battery capacity indicator: showing the remaining battery volume. There will be about 10% discrepancy for the accurate volume since it's based on the voltage. Please charge the device when the first indicator(20%) is flashing. And the light will be turned on when you open the AC/DC switch. And the lighted indicators are depended on the real volume of the battery.

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3.7 48V50ADC output port: This port is an aviation plug with 32mm; The pin 1 and 3 are '+', pin 2 and 4 are '-'. This port is controlled by the DC switch. The voltage range of DC output is 40V-58.8V. When you connect the load, Please connect well the aviation plug to the required cable first, and then plug into the opposite connector jacks. Please connect the wire when the connector is disconnected. The output port can not be used as a charging port.

3.8 AC output switch: Press the switch, 110V AC output will start to work and blue switch indicator will light, same as the battery indicator; When you turn off of the switch, both indicator will be off and AC output stops to work.

3.9 AC output socket: The output wave is pure-sine wave. The power of AC output means the total power of two output plugs. These two plugs are cascade, so the output are same.

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4. Notice About the Function

Work Environment

Dry	Prohibited water or other liquids
Shady	Charging: 0~45°C; Discharging: -20~45°C
Ventilation	At least 20 cm space around the power pack to prove dissipation
Safely	Avoid petrol, gas and other flammable and corrosive gas environments

Power charging:

Please pay attention the power unit when it's charging. Please disconnect the charger and stop charging when the T3000/T6000 is fully charged.

Please charge the power unit every six months after no use for a long time.

AC Load:

The power consumption of some machine is often greater than its nominal power when start, such as inductive load device, then it will exceed the max power of the power pack, so it will power off.

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5. Warranty service

This product is warranted for a period 12 months, from the original date of purchase. This warranty is only valid when accompanied by the original invoice or sales receipt.

The warranty does not cover any of the following actions:

- Unauthorized opening of the device
- Improper packaging during transport
- Improper handling, use of force or exposing to inaccurate environmental conditions
- Improper storage
- Misuse or ignorance of the instructions in the manual
- Normal wear or tear

Certificate

Model: _____
Q C: _____
Date: _____

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6. Guarantee Card

Dear User:

Please read carefully this manual before using our product. And please save with the purchase voucher for future guarantee.

User Name		Contact Name	
Customer Phone		Purchase Date	
Product Mode		Invoice Number	
Factory Serial Number		Purchase Store	
Customer Address			
Maintenance Record	Date	Cause and treatment of trouble	

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