

Introduction

OPS300 Portable Power Station



OPS300

288Wh
80000mAh

300W
Inverter

AC OUTPUT **DC OUTPUT** **USB OUTPUT** **TYPE-C** **QC 3.0**

CE FC **UN38.3** **MSDS**



Laptop



Camera



TV/Radio



Car Fridge



Fan



CPAP

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OPS300 Product Introduction

OPS300 Introduction



OPS300 structure is based on a highly innovative design, It's an off-grid portable battery system, also called portable solar generator/energy storage system/power box/AC power bank, etc.

It can help you easily get rid of power shortage, enjoy freedoms of electricity.

- It's used for charging your electronic equipments whenever you need power.
- It's small and mobile, you can carry it to everywhere

OPS300 Product Introduction

Battery & Inverter & Controller

Battery Type: lithium ion batteries

Capacity: 80000mAh, 3.6V/288Wh

Inverter: Pure Sine Wave

Charge Controller: MPPT

Input

DC5521 Input: Adapter-15V/3A

Fully Charged Time: Adapter: 6- 7 hours

Input

USBC: PD100W

Fully Charged Time: Adapter: 4- 5 hours



Output

AC: Rated Power 300W; Peak Power 600W
(100V-240V/50Hz-60Hz; can be customized)

DC: 2*DC5521: 12V-16.8V/8A-10A

2 × USB-A: 5V/2.1A

1 × USB-A: QC3.0, 18W

1 × TYPE-C: PD 100W

Size

Dimensions: 225*120*215MM

Weight: about 2.85KG

OPS300 Specifications



Model	OPS300 Portable Generator	
Battery capacity	80000mAh, 3.6V=288Wh	
Battery type	21700 Lithium - ion battery	
Inverter	Pure sine wave	
Fully charged time	DC15V/3A: 6-7 Hour	DC15V/4A: 5-6 hours
Input recharging	Adaptor:DC15V/3A USBC: PD100W Solar panel: MPPT, 18V, 2.22A Max	
DC output	2*DC5521:12V-16.8V/8A-10A	
AC output	Ratedpower:300W Peak power:600W 110V-240V,50Hz-60Hz (can be customizable)	
USB output	2×USB-A: 5V/2.4A 1×USB-A: QC3.0, 18W 1×TYPE-C: PD 100W	
7W Flashlight	Three kinds of brightness LED light /Strobe /SOS	
Power indicator	LCD control panel	
Lifecycle	>500 cycles	
Size W*D*H	225*120*215mm	
Weight	About 2.85Kg	
Charge method	AC/DC	
What's in the box	1xportable power station , 1x power adapter , 1x user manual	
Solor panel(purchase separately)	40W	

OPS300 Specifications



OPS300 Specifications

- ☆ AC Socket: Can be customized according to different countries/areas.
- ☆ Color: Can be customized according requirement.



OPS300 Certifications

OPS are with CE(European), PSE(Japan), FCC(America) certificates. moreover, ROHS reports for environment-friendly materials, MSDS, UN38.3 reports for global shipment transportation.

CE TCT Certificate of Compliance

Certificate No. : TCT210113E011C-1
 Applicant : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Manufacturer : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Product : Portable Outdoor Power Station
 Model No. : OPS-300
 Trade mark : N/A

The above products have been tested by us with listed standards and found in compliance with the council EMC 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC.

Test standards:	Report(s) Number	Issued By	Issued Date
EN 60932:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 60935:2017	TCT210113E011-1	TCT	Feb. 23, 2021

The statement is based on a single evaluation of one sample of above mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

 
 Tomsin
 Tomsin/GSenior Engineer
 Feb. 23, 2021

Shenzhen TCT Testing Technology Co., Ltd.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 Http://www.tct-lab.com

FCC TCT Supplier Declaration of Conformity

Certificate No. : TCT2103030044C
 Applicant : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Manufacturer : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Product : Power Station
 Model No. : OPD-300
 Trade mark : N/A

This is to certify that on the basis of the tests undertaken as per Report No. TCT2103030044 the submitted sample of the above item complies with:

J80688-2-0(H427)
 J80688-10(H28)
 And fulfills the Electrical Appliance and Material Control Law. It is possible to use PSE marking to demonstrate the compliance with this law.

TEST LABORATORY

This is the results of test that was carried out from the submitted sub-samples of a product in conformity with the specification of the respective standards.

 
 Authorized Signer: Tomsin
 Tomsin/GSenior Engineer
 Date: Feb. 23, 2021
 This declaration is only valid for the equipment and configuration described, in conjunction with the test data described above.

Shenzhen TCT Testing Technology Co., Ltd.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 Http://www.tct-lab.com

PSE TCT Certificate of Compliance

Certificate No. : TCT2103030044C
 Applicant : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Manufacturer : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Product : Power Station
 Model No. : OPD-300
 Trade mark : N/A

This is to certify that on the basis of the tests undertaken as per Report No. TCT2103030044 the submitted sample of the above item complies with:

J80688-2-0(H427)
 J80688-10(H28)
 And fulfills the Electrical Appliance and Material Control Law. It is possible to use PSE marking to demonstrate the compliance with this law.

 
 Tomsin
 Tomsin/GSenior Engineer
 Date of Issue: Mar. 26, 2021

Shenzhen TCT Testing Technology Co., Ltd.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 Http://www.tct-lab.com

RoHS TCT Certificate of Compliance

Certificate No. : TCT2101060200C
 Applicant : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Manufacturer : Shenzhen Fudeng Technology Co., Ltd.
 Address : 4th Floor, Unit C, Building 1, Rongrong Science and Technology Park, No. 13, Shuttan 1st Road, Tongle Community, Baoqing Street, Longgang District, Shenzhen
 Product : Portable Outdoor Power Station
 Tested Model : OPS-300
 Trade mark : N/A

The above products have been tested by us with listed standards and found in compliance with the Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II. It is possible to use CE marking to demonstrate the compliance with this RoHS.

Test standards:	Report(s) Number	Issued By	Issued Date
IEC 62321-3-1:2019 IEC 62321-4:2019-AMD1:2017 IEC 62321-6:2016 IEC 62321-7-1:2016 IEC 62321-7-2:2017 IEC 62321-8:2017	TCT2101060200	TCT	Mar. 31, 2021

The statement is based on a single evaluation of one sample of above mentioned products and it is only valid in connection with the report number above. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.

  
 Tomsin
 Tomsin/GSenior Engineer
 Mar. 31, 2021

Shenzhen TCT Testing Technology Co., Ltd.

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 Http://www.tct-lab.com

OPS300 Accessories & Packing

OPS300 -Packing

Product Size	225*120*215MM
Product Weight	2.85KG
Color Box Size	310*265*160mm
Weight/Set	3.25 KG
Quantity/Carton	2pcs/ctn
Carton Size	34*28*32.5=0.03094CBM
New Weight/Carton	6.6KG
Gross Weight/Carton	7.7KG



1CBM=32cartons=64pcs
20GP=896cartons=1792pcs
40GP=1856cartons=3712pcs
40HG=2496cartons=4992pcs

What's In The Box

Power Station*1
AC Adapter*1
User Manual*1





How To Use OPS300



How To Use OPS300



It is a plug-and-play machine, just need to plug the power cable of your devices into the socket of OPS300, then long press the button to turn it on

7W LCD flashlight function:

There are five models of lighting

When flashlight in off status

Long press the light switch: Turn on the light (50%)

Press it again: Adjust the brightness (70%)

Press it again: Adjust the brightness (100%)

Press it again: go into SOS mode

Press it again: go into flash mode

Press it again: Turn off the light

How To Recharge S150

4 Ways to Recharge



1- Recharge from AC Adapter:
within 6-7 hours

2- Recharge from Car Port:
within 4 hours

3- Recharge from USBC Port 100W:
within 4-5 hours (in full sun)

3- Recharge from Solar Panel 40W:
within 7-8 hours (in full sun)





OPS300 Applications

What can OPS300 do for you?

- For AC devices (<300W): TV, Rice cooker, Standing Fan, Laptop, Lights, Shaver, CPAP, Projector
- For DC12V devices: LED Bulbs, Car Fridge, Air Compressor, Vacuum Cleaner.
- For USB devices: Smartphone, Tablet, Headlamp, USB Fan, Bluetooth Watch.



(Please note that AC output port can only charge/power devices that operate at less than 300 watts; once exceeding, the OPS300 will shut off automatically. Please refer to your device specifications before purchase.)

OPS300-For Outdoor Activities



RV, Yacht, Camping, Traveling,
Hiking, Climbing, Fishing, Adventures,
Business Trip, Street Business,

OPS300 for Emergency

Power Shortage, Power Cut, CPAP, Hurricane, Typhoon, Earthquake, Disasters, etc



FAQ



01

About OPS300 Safety

- 1- Over-Voltage Protection
- 2- Over-Current Protection
- 3- Over-charge Protection
- 4- Over-discharge Protection
- 5- Short-Circuit Protection
- 6- Over-Load Protection
- 7- Over-Temperature Protection
- 8- Electrostatic protection
- 9- Power protection

What devices can OPS300 power for?

Working time = $288\text{Wh} * 0.90 /$
operating power of your device.

02

03

What devices can OPS300 power for?

Please note that the AC output port can only charge/power devices that operate at less than 300-Watt.

OPS300-Global Market



Europe



North America

Asia

Africa



Australia

South America



Thank you!



OPS300

288Wh
80000mAh

300W
Inverter



CE FC UN38.3 MSDS



Laptop



Camera



TV/Radio



Car Fridge



Fan



CPAP