Guangzhou Sunord New Energy Technology Co., Ltd.

SUNORD

PORTABLE POWER STATION



Guangzhou Sunord New Energy Technology Co., Ltd.

+86 13600027806（Wechat/WhatsApp）

fermi@sunord.com

www.sunord.com

No. 49 Shixin Road, Kaida Industrial Park, Panyu District, Guangzhou, China

SUNORD

ABOUT SUNORD

Guangzhou Sunord New Energy Technology Co., Ltd. is a professional new energy company integrating research and development, production and sales, with its headquarter in Panyu District, Guangzhou, China.

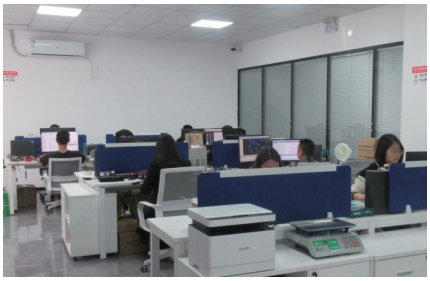
We mainly develop and produce microinverters and portable power stations as well as offering relative solutions. Meanwhile, we provide domestic and foreign customers with services in terms of brand agency, OEM, ODM and customized R&D etc.





MISSION

To provide high-quality new energy conversion and storage devices for global customers, and contribute to the mankind cause of global low-carbon and new energy.


▲ R&D Department


▲ Sales


▲ storehouse

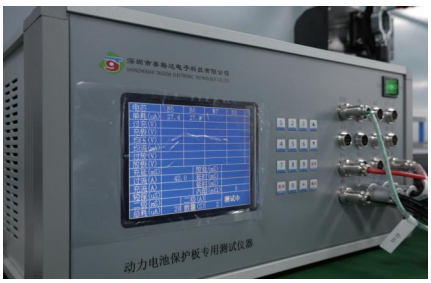

▲ SMT patch production line


▲ Assembly line

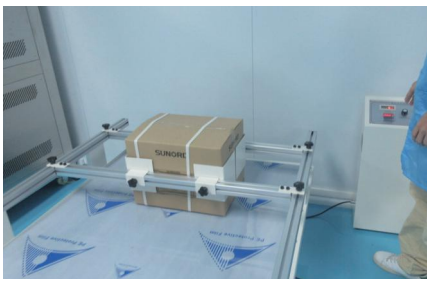

▲ Salt spray test



▲ Constant temperature and humidity test



▲ Battery protection board test


▲ Vibration test

APPLICATION AREAS

As a convenient and efficient portable energy solution, the use of portable power stations is becoming increasingly widespread. They not only provide convenience for outdoor activities and emergency rescue but also offer stable power support for households and professional equipment. Here are the main application areas of portable emergency power stations:

EMERGENCY RESCUE

Portable power stations are essential for outdoor activities and emergency rescue. They provide stable power for various electronic devices like phones, GPS, cameras, flashlights, and emergency medical equipment, ensuring communication and lighting needs are met in outdoor or emergency situations.



OUTDOOR WORK AND MOBILE OFFICE

For those working or conducting business outdoors for extended periods, such as in geological exploration, environmental monitoring, or journalism, portable power stations offer continuous power support for their electronic devices.



ROAD TRIPS AND RV TRAVEL

During road trips or RV travel, portable power stations can serve as in-vehicle power sources for appliances like refrigerators, vacuum cleaners, dashcams, and coffee makers, enhancing comfort and convenience.



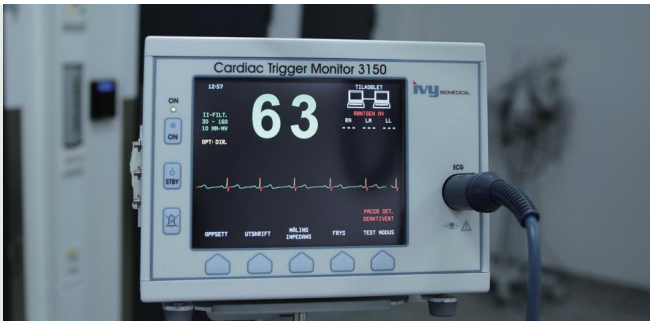
HOME EMERGENCY BACKUP POWER

In a home setting, portable power stations can be used as emergency backup power. During power outages or emergencies, they can power household devices like lamps, TVs, and computers, ensuring normal household functioning.



POWER FOR PROFESSIONAL EQUIPMENT

Portable power stations also support professional equipment like photography gear and medical devices, which often require stable power supplies. Portable power stations can meet these needs effectively.



ADVANTAGE

Battery Cells

1. Safety Element 1: Do not use repurposed cells.
2. Safety Element 2: Adhere to major manufacturers' safety standards.
3. Material Comparison: Both ternary lithium and lithium iron phosphate are just raw materials; safety depends on the production process.
4. Weight Advantage: Ternary lithium is 25% lighter for the same capacity.
5. Quality Assurance: This product uses Grade A cells.

Inverter

An inverter converts DC power to AC power. There are two common waveform types on the market:Modified Sine Wave: Suitable for devices that do not require precise waveforms, such as lights.Pure Sine Wave: Suitable for precision instruments that require high-quality waveforms, such as audio equipment and medical devices.This product is a self-developed pure sine wave inverter, with accurate labeling and full power output.

BMS Protection Board

The protection board is a crucial component for the safe operation of the entire device. Using a low-quality protection board can pose safety risks, even with Grade A cells, due to issues like overcharging, over-discharging, overcurrent, and overvoltage. This product uses a self-developed BMS protection board from Arctic Light, ensuring safe protection against overcharging, over-discharging, overcurrent, and overvoltage.

Material

This product uses PC+ABS material with a V0 flame retardant rating. It is non-conductive and poses no safety risk. After two tests with a multi-head blowtorch for over 10 seconds, the casing was charred but had no open flames or dripping.






SUNORD
DC
AC
LED
100%
888W INPUT
888W OUTPUT
OFF/ON
IN
USB-A
USB-A
USB-C
12V10A
@50Hz 220V,600W

FEATURES

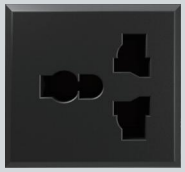
- Self-developed pure sine wave inverter, more friendly to appliances.
- Grade A cells + self-developed protection board, ensuring safety and quality.
- Lightweight, 1066Wh with a net weight of only 7.5kg.
- Multiple charging methods: AC charging, solar panel charging, car charging.
- AC output: 600~1000W, wireless charging: 15W, DC output: 120W.
- 4 independent USB output ports, each with a maximum output of 30W.
- 2 independent Type-C output ports, each with a maximum output of 100W.










Universal


US


UK


CN

SPECIFICATION

Model		NL600	NL800	NL1000
Output parameters				
AC output	Rated voltage	110V or 220V (optional)		
	Rated power	600W	800W	1000W
	Peak power	800W	1000W	1200W
	Frequency	50Hz		
DC output	The output voltage	12V		
	Output current	10A		
USB-A output*4	Output protocol	Apple:2.4A , Samsung:5V-2A, QC3.0:3.6V-15.4V, DCP:1.5A, QC2.0:9V-12V-20V, Samsung AFC:9V-12V, Huawei FCP:9V-12V-18.0W, Huawei SCP3.4-12.0V-20.0W, MTK-PE+2.0		
	Maximum power	30W*4		
USB-C output*2	Output protocol	Apple:2.4A, Samsung:5Vdc2A, QC3.0:3.6V-15.8V, DCP: 1.5A,QC2.0:9V-12V-20V, Samsung AFC: 9V-12V, QC4+,Huawei-FCP:9W-12V 24.0W, Huawei-SCP:3.3-12.0V 40.0W, PD3.0, PPS 63W, HTK-PE+2.0, DP2.0		
	Maximum power	100W*2		
Wireless charging	Charging protocol	QI 1.2.4		
	Output Power	15W		
LED lighting		3W		
Charging parameters				
Input voltage		16V-25V		
Input power		120W-150W		
Battery parameters				
Battery capacity		600WH	840WH	1066WH
Rated voltage		Single cell 3.7V		
Battery Type		A grade ternary lithium battery		
Basic parameters				
Working humidity		Relative humidity 5%-94%		
Operating temperature		-20℃~+50℃		
Net size		12.4*8.26*7.08inch		
Package Size		16.14*12.4*12inch		
Net weight		6.3kg	7.3kg	7.5kg
Weight including accessories		8.1kg	9.1kg	9.3kg
Including packaging weight		8.8kg	9.8kg	10kg



编号：S26120230080276(1-1)

统一社会信用代码
91440113MAC9PEF23B

营业执照
（副本）

扫描二维码登录"国家企业信用信息公示系统"了解更多登记、备案、许可、监管信息。

名　　称　广州北极光新能源技术有限公司
类　　型　其他有限责任公司
法定代表人　韩书
经营范围　研究和试验发展（具体经营项目请登录国家企业信用信息公示系统查询，网址：http://www.gsxt.gov.cn/。依法须经批准的项目，经相关部门批准后方可开展经营活动。）

注册资本　柒佰柒拾柒万柒仟柒佰柒拾捌元（人民币）
成立日期　2023年02月24日
住　　所　广州市番禺区大龙街市新路新水坑段49号4栋401

登记机关
2023 年 07 月 26 日

国家企业信用信息公示系统网址：http://www.gsxt.gov.cn
市场主体应当于每年1月1日至6月30日通过国家企业信用信息公示系统报送公示年度报告
国家市场监督管理总局监制

▲ business license



证书号第8619819号

外观设计专利证书

外观设计名称：移动蓄电池（NL600）
设　计　人：韩书
专　利　号：ZL 2023 3 0690862.1
专利申请日：2023年10月24日
专利权人：广州北极光新能源技术有限公司
地　　址：510000 广东省广州市番禺区大龙街市新路新水坑段49号4栋401
授权公告日：2024年04月19日　　授权公告号：CN 308593658 S

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局长
申长雨

2024年04月19日

第1页（共2页）
其他事项参见续页

▲ Appearance patent



"TMZC73911888D01T240404"

第 73911888 号

商标注册证

曙能

核定使用商品/服务项目（国际分类：9）

第9类：数据处理设备；计算机程序（可下载软件）；光伏电池；发电用太阳能电池板；电流开关；光伏逆变器；锂离子电池；太阳能发电用光伏装置和设备；蓄电池充电器；太阳能电池组件（截止）

注 册 人　广州北极光新能源技术有限公司

注册人地址　广东省广州市番禺区大龙街市新路新水坑段49号4栋401

注册日期　2024年03月14日　有效期至　2034年03月13日

局　长

发证机关

▲ trademark



"TMZC73053082D01T240205"

第 73053082 号

商标注册证

NORTHLUZ

核定使用商品/服务项目（国际分类：9）

第9类：数据处理设备；计算机程序（可下载软件）；电流开关；太阳能发电用光伏装置和设备；锂离子电池；太阳能电池组件；光伏电池；蓄电池充电器；光伏逆变器；发电用太阳能电池板（截止）

注 册 人　广州北极光新能源技术有限公司

注册人地址　广东省广州市番禺区大龙街道新水坑村市新路新水坑段49号4栋402铺

注册日期　2024年01月14日　有效期至　2034年01月13日

局　长

发证机关

▲ trademark



EUIPO
EUROPEAN UNION INTELLECTUAL PROPERTY OFFICE

Operations Department

Alicante, 10/10/2023

KBZ Zuradzki Barczyk & Wspólnicy Adwokaci i Radcy Prawni Sp. k.
ul. PCK 6/7
40-057 Katowice
POLONIA

Receipt of an application for an European Union trade mark and notification that a provisional filing date has been accorded (Article 30(2) and Articles 32 and 41 EUTMR)

Application number: 018935227
Your reference:
Trade mark: Sunord
Trade mark type: Word mark
Applicant: Guangzhou North Aurora New Energy Technology Co., Ltd.
Room 401, Building 4, No. 49, Xinhuikeng Section, Shixin Road, Dalong Street
Panyu District, Guangzhou
REPÚBLICA POPULAR DE CHINA

fast track — We are pleased to inform you that your application will be examined as a **Fast Track** case.
You can find the current Fast Track conditions and timeliness standards in http://euipo.europa.eu/fasttrack

The Office received your electronic application on **10/10/2023** and it was assigned the above application number. You should quote this number in all future contact with the Office concerning this application.

If the application meets the requirements of Article 32 EUTMR, the filing date will be **10/10/2023**

The basic application fee of **850 EUR** must be received by the Office within one month of the application filing date.

If there is more than one class of goods and services, you will need to pay an additional fee for each class. The amount of the extra class fees is **EUR 50** for the first additional class and **EUR 150** for each further additional class.

If you have requested national search reports, you will need to pay the corresponding fee of **60 EUR** The application will not be published until all the search reports have been forwarded to you.

The identifier of this payment is **23DWFGJ5**.

Please note that the EUIPO will not send an invoice.

Operations Department

Thank you for filing online - it is EUR 150 cheaper than using the paper form

Avenida de Europa, 4 E-03008 Alicante, Spain
Tel.: +34 96 513 9100
www.euipo.europa.eu

1/5

▲ EU Trademark



中华人民共和国国家版权局

计算机软件著作权登记证书

证书号：软著登字第12478646号

软件名称：MPPT控制软件 V2.0
著作权人：广州北极光新能源技术有限公司
开发完成日期：2023年10月23日
首次发表日期：未发表
权利取得方式：原始取得
权利范围：全部权利
登记号：2024SR0074773

根据《计算机软件保护条例》和《计算机软件著作权登记办法》的规定，经中国版权保护中心审核，对以上事项予以登记。

2024年01月11日

▲ Software copyright



中华人民共和国国家版权局

计算机软件著作权登记证书

证书号：软著登字第12343816号

软件名称：户外储能软件 V1.0
著作权人：广州北极光新能源技术有限公司
开发完成日期：2023年06月30日
首次发表日期：未发表
权利取得方式：原始取得
权利范围：全部权利
登记号：2023SR1756643

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2023年12月25日

▲ Software copyright



中华人民共和国国家版权局

计算机软件著作权登记证书

证书号：软著登字第12647745号

软件名称：户外储能软件 V2.0
著作权人：广州北极光新能源技术有限公司
开发完成日期：2023年09月25日
首次发表日期：2023年10月13日
权利取得方式：原始取得
权利范围：全部权利
登记号：2024SR0243872

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2024年02月06日

▲ Software copyright



广州北极光新能源技术有限公司

检 验 报 告

申请商： 地址：	广州北极光新能源技术有限公司 广州市番禺区大龙街市新路新水坑段49号4栋401
制造商： 地址：	广州北极光新能源技术有限公司 广州市番禺区大龙街市新路新水坑段49号4栋401
产品名称：	移动储能
商标：	格度/ SUNORD
产品型号：	NL1000
测试机构：	中检测试技术（广东）集团有限公司
地址：	深圳市龙岗区南湾街道下李朗社区李朗路31号李朗国际珠宝产业园厂房一A1栋201
报告日期：	2024年04月10日
报告编号：	CTICAD153249194041031BR

▲ Inspection report



CTB

VERIFICATION OF CONFORMITY

EU - Electromagnetic Compatibility (EMC) -
No.: CTB231106046EX-ZS

Applicant	:	Guangzhou Sunord New Energy Technology Co., Ltd.
Address	:	401 Building 4, No. 49 Shixin Road, Dalong Street, Kaida Industrial Park, Panyu District, Guangzhou, China
Manufacturer	:	Guangzhou Sunord New Energy Technology Co., Ltd.
Address	:	401 Building 4, No. 49 Shixin Road, Dalong Street, Kaida Industrial Park, Panyu District, Guangzhou, China
Product	:	Portable power station
Trade Mark	:	GEDU/ SUNORD
Model(s)	:	NL800-C, NL700-C, NL600-C, NL800-U, NL700-U, NL600-U
Test Report No.	:	CTB231106046EX
Test Standards	:	EN 55032:2015/A11:2020/A1:2020, EN 55035:2017/A11:2020, EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A1:2019/A2:2021

The tests that base on the above designated product Complies with the essential requirements of Directive 2014/30/EU relating to Electrical Equipment designed for use within Electromagnetic Compatibility.
The test results apply only to the particular sample tested and the applicative tests carries out.
The CE marking as shown below can be affixed on product after manufacturer carries out all stipulation activities integrally of above-mentioned Regulation (Directive) and preparation of necessary technical documentation as well as the conformity declaration.
This statement is based on a single evaluation of sample of above-mentioned product. It does not imply an assessment of the whole production process.
Other relevant Regulation (Directive) requirement have to be observed.

CE

Nov. 22, 2023

Shenzhen CTB Testing Technology Co., Ltd
Add:1-2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China.
Web: www.ctb-lab.net Tel: 4008-707-283 Email: ctb@ctb-lab.net

▲ CE certification



CTB

Report No.: CTB231106047EX

EMC TEST REPORT

Product Name:	Portable power station
Trade mark:	GEDU/ SUNORD
Model No.:	NL800-C, NL700-C, NL600-C, NL800-U, NL700-U, NL600-U
S/N.:	/
Report No.:	CTB231106047EX
Applicant:	Guangzhou Sunord New Energy Technology Co., Ltd.
Address:	401 Building 4, No. 49 Shixin Road, Dalong Street, Kaida Industrial Park, Panyu District, Guangzhou, China
Manufacturer:	Guangzhou Sunord New Energy Technology Co., Ltd.
Address:	401 Building 4, No. 49 Shixin Road, Dalong Street, Kaida Industrial Park, Panyu District, Guangzhou, China
Prepared by:	Shenzhen CTB Testing Technology Co., Ltd.
Address:	1&2/F., Building A, No.26, Xinhe Road, Xinqiao, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, China
Date of Receipt:	Oct. 30, 2023
Date of Test(s):	Nov. 01, 2023 ~ Nov. 03, 2023
Date of Issue:	Nov. 22, 2023
Test Standard(s):	CFR47, FCC Part 15 Subpart B, ANSI C63.4: 2014
Test Result:	Pass

In the configuration tested, the EUT complied with the standards specified above.

Compiled by: Blake Cai Reviewed by: Zack Zhu Approved by:

Note: If there is any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen CTB Testing Technology Co., Ltd. this report can't be reproduced except in full. The tested sample(s) and the sample information are provided by the client. "*" indicates the testing items were fulfilled by subcontracted lab. "#" indicates the items are not in CNAS accreditation scope.

Ver. A.1 Tel: 4008-707-283 Web: http://www.ctb-lab.net Page 1 / 20

▲ FCC certification



Report No.: CCJC2023A664203

海运
By Sea

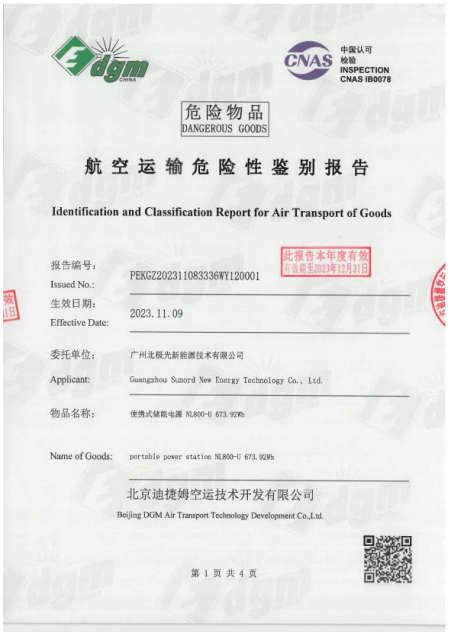
运输危险性鉴别报告书
Identification and Classification Report for Transport of Goods

危险物品
(Dangerous Goods)

样品名称及型号	便携式储能电源 NL800-U
Sample name &Model	portable power station NL800-U
委托单位	广州北极光新能源技术有限公司
Consignor	Guangzhou Sunord New Energy Technology Co., Ltd.

深圳诚测检测技术有限公司
Shenzhen CCJC Technology Co., Ltd

▲ Shipping inspection report



危险物品
DANGEROUS GOODS

航空运输危险性鉴别报告

Identification and Classification Report for Air Transport of Goods

此报告本年度有效
自从即至2023年12月31日

报告编号： Issued No.:	PEKGZ202311083336WY120001
生效日期： Effective Date:	2023. 11. 09
委托单位：	广州北极光新能源技术有限公司
Applicant:	Guangzhou Sunord New Energy Technology Co., Ltd.
物品名称：	便携式储能电源 NL800-U 673.92Wh
Name of Goods:	portable power station NL800-U 673.92Wh

北京迪捷鸽空运技术开发有限公司
Beijing DGM Air Transport Technology Development Co.,Ltd.

第 1 页 共 4 页

▲ Air freight inspection report



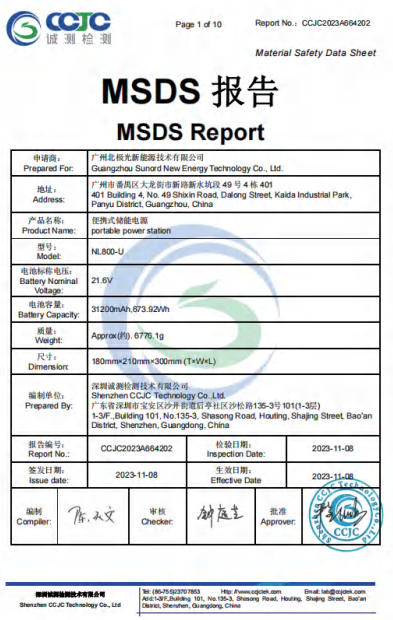
Report No.: CCJC2023A664201

UN38.3 测试报告
UN38.3 Test Report

样品名称及型号	便携式储能电源 NL800-U
Sample name &Model	portable power station NL800-U
委托单位	广州北极光新能源技术有限公司
Consignor	Guangzhou Sunord New Energy Technology Co., Ltd.

深圳诚测检测技术有限公司
Shenzhen CCJC Technology Co., Ltd

▲ Transportation inspection report



Page 1 of 10 Report No.: CCJC2023A664202

Material Safety Data Sheet

MSDS 报告

MSDS Report

申请商： Prepared For:	广州北极光新能源技术有限公司 Guangzhou Sunord New Energy Technology Co., Ltd.		
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产品名称： Product Name:	便携式储能电源 portable power station		
型号： Model:	NL800-U		
电池标称电压： Battery Nominal Voltage:	21.6V		
电池容量： Battery Capacity:	31200mAh,673.92Wh		
质量： Weight:	Approx.(约) 6776.1g		
尺寸： Dimension:	180mm×210mm×300mm (T×W×L)		
编制单位： Prepared By:	深圳诚测检测技术有限公司 Shenzhen CCJC Technology Co.,Ltd. 广东省深圳市宝安区沙井街道后亭社区沙检路135-3号101(1-3层) 1-3/F.,Building 101, No.135-3, Shasong Road, Houting, Shajing Street, Bao'an District, Shenzhen, Guangdong, China		
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▲ MSDS report

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