大然

DARANER

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公司简介

Company Profile

深圳大然新能源技术有限公司是东莞铭普光磁股份有限公司（002902）旗下全资子公司。

我们拥有多项专业背景和多领域经验，以工匠精神将热情投入以储能产品创新及品牌孵化为核心的服务。整合一流的研发能力、雄厚资金和全球首屈一指的供应链，提供最具性价比的产品和方案，全面解决客户成本和工艺水平难题。服务范围包括储能产品开发研究与策略咨询、产品系列化PI规划，工业设计创意、结构设计、供应链管理，资金支持，品牌营销推广全链路。

专业量身订做电源，您的电源产品御用设计师，您身边的设计管家！

Shenzhen Daran New Energy Technology Co.,Ltd. is a wholly-owned subsidiary of Dongguan Mentech Optical & Magnetic Co., Ltd. (Stock Code:002902).

We have professional experience in multi-field. With the spirit of artisan, we put our passion into energy storage product innovation and our service which is centered on brand marketing.

By integrating first-class R&D capabilities, ample funds, and the global leading self-owned supply chain, we can provide the most cost-effective products and solutions, and comprehensively solve the problems of cost and process for customers.

Our services include energy storage product development research and strategic consulting, PI planning, industrial design creativity, structural design, supply chain management, financial support, and the entire chain of brand marketing and promotion.

We are your royal designer to make power station products!

NEO系列储能电源
颜值与技术并存，价格与质量并重

NEO series power station
Cool look and technology coexist
Price and quality go hand in hand

应用场景

Application Scenarios

户外露营，房车旅行，摄影航拍，户外作业，
医疗应急，家庭应急。

Outdoor camping, RV travel,
Outdoor photography, outdoor work, emergency rescue, family backup

NEO大功率产品

NEO High Power Products

Introduction to NEO series power station

PI家族式设计
Product series PI design

全系磷酸铁锂安全电池
LFP safety batteries

同时支持多台电源并联串联
同型号最多可支持6台
Support parallel and series unit function at the same, up to 6 unit

支持APP/4G/便携
家用储能一体机
Support APP/4G/portable home energy storage all-in-one

双向快速充电
（双向逆变器，2小时充满）
Super fast charging
(Bi-directional Inverter Technology, charge to full in 2 hours)

故障率低，质量稳定
Low failure rate and stable quality

大功率太阳能充电
High-power solar charging

高功率UPS功能
High-power UPS function

核心功能

Core Function

1，多台设备并联/串联功能

Multiple Unit Parallel/Series Function

①领先行业的并联技术。电压不变，功率叠加，实现了最大数量6台设备并机

②同时可用串联技术。电压叠加，容量叠加，实现了最大数量6台设备串机

③600W-5000W功率电源均可实现同时并联/串联功能

① Industry-leading parallel units technology. The voltage is unchanged and the power is superimposed,support the maximum number of 6 units in parallel

② Can use the series units function at the same time. Voltage superposition, capacity superposition,support the maximum number of 6 units in series

③ NEO 600W-5000W power station support multiple units simultaneously parallel/series function.

2，超级快充技术

Super Fast Charging Technology

双向逆变技术，2小时充满，告别笨重适配器

Bidirectional inverter technology, charges to full in 2 hours, say goodbye to bulky adapters

3，全系列采用磷酸铁锂安全电芯

NEO Series Use LFP Safety Cells

①循环次数大于3500次，寿命长

②车规级电池，安全稳定，耐高温

The cycles life≥3500 times

EV-grade battery, safe and stable, high temperature resistance

NEO 1500便携式储能电源

NEO 1500 Power Station FAST CHARGE

外观设计专利号（Design Patent No.）
ZL202230112278.3

基本参数 Basic Specifications	型号(Model)	NEO 1500
	颜色(Color)	可选(Optional)：星空灰，清新绿，活力黄，宝石蓝 (Star Grey, Fresh Green, Vibrant Yellow, Sapphire Blue)
	外壳材质(Shell Material)	ABS+PC
	净重(Net Weight)	16.2 kg
	尺寸(Dimension)	40 x 21 x 30 cm
电池 Battery	电池类型(Battery Type)	LiFePO4 磷酸铁锂
	循环寿命(Cycle Life)	约3500次循环(剩余容量≥80%) About 3500 cycles (remaining capacity ≥ 80%)
	能量(Energy)	可选(Optional)：1382.4Wh/1075.2Wh
	容量(Capacity)	可选(Optional)：432000mAh/336000mAh
输入 Input	DC输入(DC Input)	-
	AC输入(AC Input)	220V (1000W Max)
	太阳能输入(Solar Input)	XT60 33~60V/20A (600W Max)
输出 Ouput	AC输出功率 (AC Output Power)	1500W(2000W Max) 超级快充 US: 60Hz JP: 50Hz/60Hz CN/EU/AU/UK: 50Hz
	AC额定输出电压 (AC Rated Output Voltage)	US/JP: 100V-120V CN/EU/AU/UK: 220V-240V
	DC输出 (DC Output)	USB-Ax4: 5V⎓ 3.6A / 9.0V⎓ 2.5A / 12.0V ⎓2A (24W Max) 同时使用时(When used simultaneously): 5V/2.4A USB Type-Cx2: 5V⎓ 3A / 9V⎓ 3A / 15V⎓ 3A / 20V⎓ 3A/20V⎓ 5A（Max 100W） 车载点烟器输出(Cigar Lighter Output)x1: 12V ⎓8A (120W Max) 无线充电输出(Wireless Charger Output)x1: 5W/7.5W/10W
保险 Insurance		全球责任险 (Global Liability Insurance)
认证 Certification		
支持插座 AC Outlet Option		

EU:220V 50Hz

AU:220V 50Hz

UK:220V 50Hz

CN:220V 50Hz

US:110V 50Hz

US:110V 50Hz

JP:100V 50Hz/60Hz

SA:230V 50Hz

NEO 2000便携式储能电源

NEO 2000 Power Station FAST CHARGE

外观设计专利号（Design Patent No.）
ZL202230112278.3

基本参数 Basic Specifications	型号(Model)	NEO 2000
	颜色(Color)	可选(Optional)：星空灰，清新绿，活力黄，宝石蓝 (Star Grey, Fresh Green, Vibrant Yellow, Sapphire Blue)
	外壳材质(Shell Material)	ABS+PC
	净重(Net Weight)	25.7 kg
	尺寸(Dimension)	47.6 x 34.5 x 26.0 cm
电池 Battery	电池类型(Battery Type)	LiFePO4 磷酸铁锂
	循环寿命(Cycle Life)	约3500次循环(剩余容量≥80%) About 3500 cycles (remaining capacity ≥ 80%)
	能量(Energy)	2073.6Wh
	容量(Capacity)	648000mAh
输入 Input	DC输入(DC Input)	-
	AC输入(AC Input)	220V (2400W Max)
	太阳能输入(Solar Input)	XT60 33~60V/20A (600W Max)
输出 Ouput	AC输出功率 (AC Output Power)	2000W (Max 2400W) 超级快充 US: 60Hz JP: 50Hz/60Hz CN/EU/AU/UK: 50Hz
	AC额定输出电压 (AC Rated Output Voltage)	US/JP: 100V-120V CN/EU/AU/UK: 220V-240V
	DC输出 (DC Output)	USB-Ax4: 5V⎓ 3.6A / 9.0V⎓ 2.5A / 12.0V⎓ 2A (24W Max) 同时使用时(When used simultaneously): 5V/2.4A USB Type-Cx2: 5V⎓ 3A / 9V⎓ 3A / 15V⎓ 3A / 20V⎓ 3A/20V⎓ 5A（Max 100W） 车载点烟器输出(Cigar Lighter Output)x1: 12V ⎓8A (120W Max) 无线充电输出(Wireless Charger Output)x1: 5W/7.5W/10W
保险 Insurance		全球责任险 （Global Liability Insurance）
认证 Certification		

支持插座
AC Outlet Option

EU:220V 50Hz

AU:220V 50Hz

UK:220V 50Hz

CN:220V 50Hz

US:110V 50Hz

US:110V 50Hz

JP:100V 50Hz/60Hz

SA:230V 50Hz

NEO小功率产品

NEO Lower Power Product

技术优势

Technical Advantages

一体化气辅注射成型工艺

One-Piece GAIM Molding Process

人体工学空心把手
线条优雅，视觉冲击强烈

Ergonomic hollow handle
Impressive elegant design

超导流风道

Super Air Diversion Vent

侧面采用最大面积通风设计
兼顾美观的同时有效通风降温

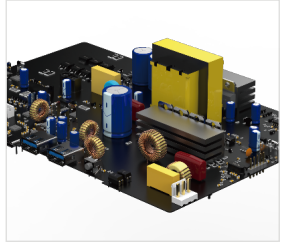
Ventilation is designed with the largest side area Effective cooling while taking into account the cool appearance

免喷涂材质

Spray-Free Material

采用MIM金属注塑成形工艺
非传统喷漆，无毒无害，健康环保

Using MIM process
Non-traditional spray paint, non-toxic and harmless, healthy and environmentally friendly



先进集成主板

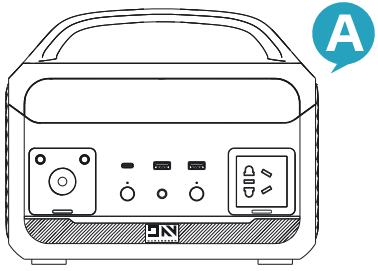
Advanced Integrated Motherboard

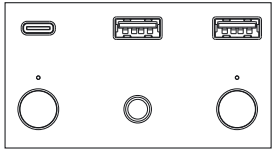
AC/DC/BMS主板三合一
质量稳定，组装工艺简单，性价比高

AC/DC/BMS 3 in 1 motherboard
Stable quality, simple assembly process, and high-cost performance

面板选择

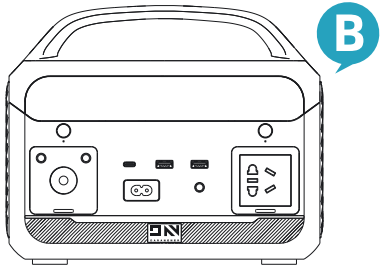
Panel Selection

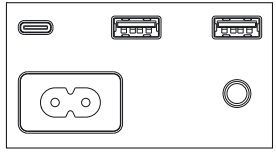




面板A

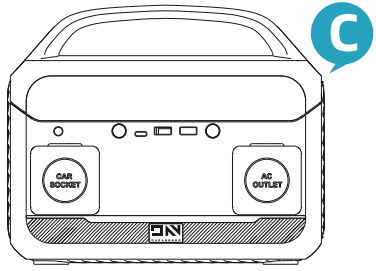
Panel A

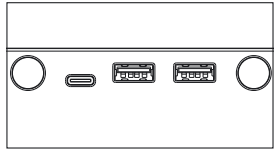




面板B

Panel B





面板C

Panel C

NEO 300便携式储能电源

NEO 300 Power Station

外观设计专利号（Design Patent No.）
ZL202230181957.6

基本参数 Basic Specifications	型号(Model)	NEO 300
	颜色(Color)	可选(Optional)：星空灰，清新绿，活力黄，宝石蓝 (Star Grey, Fresh Green, Vibrant Yellow, Sapphire Blue)
	外壳材质(Shell Material)	ABS+PC
	净重(Net Weight)	3.52 kg
	尺寸(Dimension)	25.5×20.8×16.8cm
电池 Battery	电池类型(Battery Type)	LiFePO4 磷酸铁锂
	循环寿命(Cycle Life)	约3500次循环(剩余容量≥80%) About 3500 cycles (remaining capacity ≥ 80%)
	能量(Energy)	可选(Optional)：268.8Wh/336Wh/403.2Wh
	容量(Capacity)	可选(Optional)：84000mAh/105000mAh/126000mAh
输入 Input	DC输入(DC Input)	10-19V⎓ 3.42A (65W Max)
	AC输入(AC Input)	-
	太阳能输入(Solar Input)	18V⎓ 5A /20V⎓ 5A (100W Max)
输出 Ouput	AC输出功率 (AC Output Power)	300W (Max 600W) US: 60Hz JP: 50Hz/60Hz CN/EU/AU/UK: 50Hz
	AC额定输出电压 (AC Rated Output Voltage)	US/JP: 100V-120V CN/EU/AU/UK: 220V-240V
	DC输出 (DC Output)	USB-A1x1: 5V⎓ 3A /9V⎓ 2A /12V⎓ 1.5A(18W Max) USB-A2x1: 5V⎓ 3A (15W Max) USB Type-Cx1: 5V⎓ 3A /9V⎓ 3A /12V⎓ 3A /15V⎓ 3A /20V ⎓3A(60W Max) 车载点烟器输出(Cigar Lighter Output)x1: 12V ⎓8A (120W Max)
保险 Insurance		全球责任险 (Global Liability Insurance)

认证
Certification

支持插座
AC Outlet Option

EU:220V 50Hz

AU:220V 50Hz

UK:220V 50Hz

CN:220V 50Hz

US:110V 50Hz

US:110V 50Hz

JP:100V 50Hz/60Hz

SA:230V 50Hz

NEO 600便携式储能电源

NEO 600 Power Station FAST CHARGE

外观设计专利号（Design Patent No.）

ZL202230181957.6

基本参数 Basic Specifications	型号(Model)	NEO 600
	颜色(Color)	可选(Optional)：星空灰，清新绿，活力黄，宝石蓝 (Star Grey, Fresh Green, Vibrant Yellow, Sapphire Blue)
	外壳材质(Shell Material)	ABS+PC
	净重(Net Weight)	6.6 kg
	尺寸(Dimension)	30 x 18 x 21 cm
电池 Battery	电池类型(Battery Type)	LiFePO4 磷酸铁锂
	循环寿命(Cycle Life)	约3500次循环(剩余容量≥80%) About 3500 cycles (remaining capacity ≥ 80%)
	能量(Energy)	537.6Wh
	容量(Capacity)	168000mAh
输入 Input	DC输入(DC Input)	10-19V⎓3.42A (90W Max)
	AC输入(AC Input)	220V⎓1.6A (360W Max) 超级快充
	太阳能输入(Solar Input)	10V-30V⎓5A (150W Max)
输出 Ouput	AC输出功率 (AC Output Power)	600W (1200W Max) US: 60Hz JP: 50Hz/60Hz CN/EU/AU/UK: 50Hz
	AC额定输出电压 (AC Rated Output Voltage)	US/JP: 100V-120V CN/EU/AU/UK: 220V-240V
	DC输出 (DC Output)	USB-A1x1: 5V⎓ 3A /9V⎓ 2A /12V⎓ 1.5A(18W Max) USB-A2x1: 5V⎓ 3A (15W Max) USB Type-Cx1: 5V⎓ 3A /9V⎓ 3A /12V⎓ 3A /15V⎓ 3A /20V ⎓3A(60W Max) 车载点烟器输出(Cigar Lighter Output)x1: 12V ⎓8A (120W Max)
保险 Insurance		全球责任险 (Global Liability Insurance)
认证 Certification		

支持插座
AC Outlet Option

EU:220V 50Hz

AU:220V 50Hz

UK:220V 50Hz

CN:220V 50Hz

US:110V 50Hz

US:110V 50Hz

JP:100V 50Hz/60Hz

SA:230V 50Hz

包装效果图

Package Rendering

DARANENER
NEO 2000
AC 2000W

包装配件

Accessories

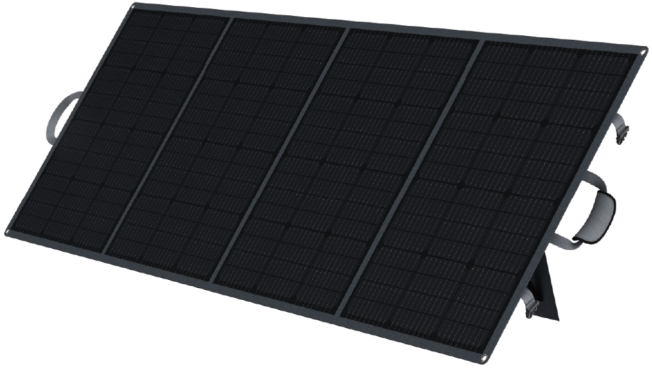
图片 Image	配件名称 Accessories	 NEO 300	 NEO 600	 NEO 1500	 NEO 2000
	USB-C to USB-C线 USB-C to USB-C Cable	✓	✓	✓	✓
	车载点烟器充电线 Cigarette Lighter Charging Cable	✓	✓	×	×
	MC4转DC5521太阳能充电线 Mc4 to DC5521 Solar Charging Cable	✓	✓	×	×
	MC4转XT60太阳能充电线 Mc4 to XT60 Solar Charging Cable	×	×	✓	✓
	AC充电线 AC Charging Cable	×	×	✓	✓
	充电适配器 AC Charging Adapter	✓	✓	×	×

太阳能板SP系列

SP solar panel

SP 300折叠太阳能包

SP 300 solar panel

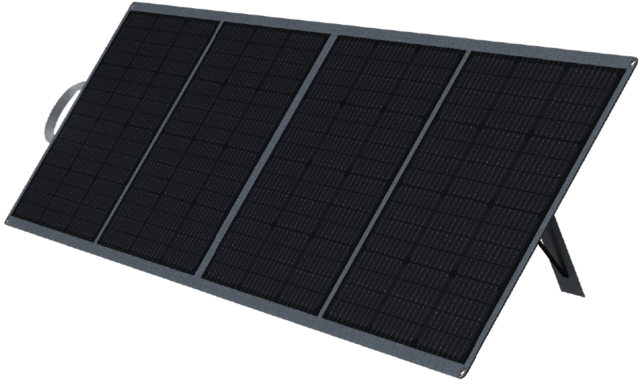


性能参数

型号(Model)	WY300M-24-A
峰值功率(Peak power Pm)	300W
开路电压(Open circuit voltage Voc)	43.5V
峰值电压(Max. power voltage Vmp)	36.3V
峰值电流(Max. power current Imp)	8.26A
短路电流(Short circuit current Isc)	8.68A
电池片光电效率(Solar cells Efficiency)	22.0%
太阳能板数量(Solar panel model&number)	75W/18.15V*4pcs(2串联2并联)
折叠后尺寸(Folding size)	740*604*45mm
展开后尺寸(Deployment size)	2408*740*25mm
参考净重	9.2kg
太阳能电池片(solar cell)	高效A级单晶硅电池片
太阳能板表面封装 (Solar panel Front cover)	透明ETFE 电池片表面透明复合材料加强保护(可选)
太阳能板底板加强材质(Solar panel backboard)	玻璃纤维板(可选)
输出端口/可选配件型号 (Output port)	标配USB快充口（峰值：5V*3A；9V*2A；12V*1.5A）*1+Type-C(PD最大60W)（峰值：5V*3A；9V*3A；12V*3A；15V*3A: 20V3A）*1 +太阳能板直接出线14AWG*1.5米配光伏连接器 配件：延长线：14AWG*1.5米（配光伏连接器转XT60公头接头）(可选/定制)
太阳能包布料(solar folding handbag material)	灰色（防水型）(颜色/图案可定制 可丝印)
额定工作温度/范围 (solar folding handbag material)	额定工作温度：48±2°C 工作温度范围：-40°C- +85°C
防水等级(Waterproof grade)	IP54

SP 200便携式储能电源

SP 200 solar panel

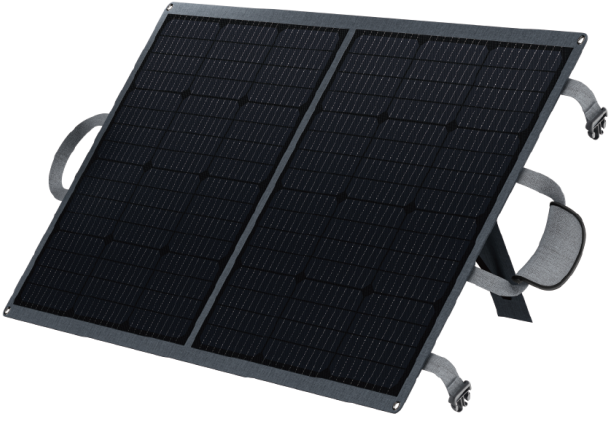


性能参数

型号(Model)	WY200M-24-A
峰值功率(Peak power Pm)	200W
开路电压(Open circuit voltage Voc)	48.0V
峰值电压(Max. power voltage Vmp)	40.0V
峰值电流(Max. power current Imp)	5.00A
短路电流(Short circuit current Isc)	5.25A
电池片光电效率(Solar cells Efficiency)	22.0%
太阳能板数量(Solar panel model&number)	50W/20V*4pcs(2串联2并联)
折叠后尺寸(Folding size)	550*568*45mm
展开后尺寸(Deployment size)	2220*568*25mm
参考净重	6.2kg
太阳能电池片(solar cell)	高效A级单晶硅电池片
太阳能板表面封装 (Solar panel Front cover)	透明ETFE 电池片表面透明复合材料加强保护(可选)
太阳能板底板加强材质(Solar panel backboard)	玻璃纤维板(可选)
输出端口/可选配件型号 (Output port)	标配USB快充口（峰值：5V*3A；9V*2A；12V*1.5A）*1+Type-C(PD最大60W)（峰值：5V*3A；9V*3A；12V*3A；15V*3A: 20V3A）*1 +太阳能板直接出线16AWG*1.5米配光伏连接器 配件：延长线：16AWG*1.5米（配光伏连接器转XT60公头接头）(可选/定制)
太阳能包布料(solar folding handbag material)	灰色（防水型）(颜色/图案可定制 可丝印)
额定工作温度/范围 (solar folding handbag material)	额定工作温度：48±2°C 工作温度范围：-40°C- +85°C
防水等级(Waterproof grade)	IP54

SP 100折叠太阳能包

SP 100 solar panel



性能参数

型号(Model)	WY100M-12-A
峰值功率(Peak power Pm)	100W
开路电压(Open circuit voltage Voc)	24.0V
峰值电压(Max. power voltage Vmp)	20.0V
峰值电流(Max. power current Imp)	5.00A
短路电流(Short circuit current Isc)	5.25A
电池片光电效率(Solar cells Efficiency)	22.0%
太阳能板数量(Solar panel model&number)	50W/20V*2pcs 并联
折叠后尺寸(Folding size)	550*568*35mm
展开后尺寸(Deployment size)	1100*568*25mm
参考净重	3.2kg
太阳能电池片(solar cell)	高效A级单晶硅电池片
太阳能板表面封装 (Solar panel Front cover)	透明ETFE 电池片表面透明复合材料加强保护(可选)
太阳能板底板加强材质(Solar panel backboard)	玻璃纤维板(可选)
输出端口/可选配件型号 (Output port)	标配USB快充口（峰值：5V*3A；9V*2A；12V*1.5A）*1+Type-C(PD最大60W)（峰值：5V*3A；9V*3A；12V*3A；15V*3A: 20V3A）*1 +太阳能板直接出线16AWG*1.5米配光伏连接器 配件：延长线：16AWG*1.5米（配光伏连接器转DC5521公头接头）(可选/定制)
太阳能包布料(solar folding handbag material)	灰色（防水型）(颜色/图案可定制 可丝印)
额定工作温度/范围 (solar folding handbag material)	额定工作温度：48±2°C 工作温度范围：-40°C- +85°C
防水等级(Waterproof grade)	IP54