



CHANGSHENG ENERGY

Products Introduction

产品介绍画册

常盛新能源 让生活更美好

温州常盛新能源有限公司

WENZHOU CHANGSHENG NEW ENERGY CO.,LTD

## ● Safer

Cobalt Free Lithium Iron Phosphate (LFP) Battery: Safety and Long Lifespan, high efficiency and high power density.

Intelligent BMS, providing complete protection.



## ● Reliable

Support high discharge power. IP21, natural cooling, wide temperature range: -20°C to 60°C.

## ● Flexible

Modular design, with a maximum capacity of 16 units in parallel Suitable for residential and commercial use, improve self-use rate.

## ● Convenient

Battery module auto networking, easy maintenance, support remotely monitoring and upgrade, support USB drive upgrade the firmware.

## ● Eco-Friendly

Use environmental protection materials, the whole module non-toxic, pollution-free.

## ● Three Mounting Methods

Wall-mounted design, convenient installation, simple operation, stable structure.

# Technical parameters

| 产品型号 Model                           | SPE-48 300                            | SPE-51.2 300  |
|--------------------------------------|---------------------------------------|---------------|
| 标准电压 Standard valtage                | 48V                                   | 51.2V         |
| 标准容量 Standard capacity               | 300Ah                                 |               |
| 额定容量 Rated capacity                  | 14.4KWh                               | 15.36KWh      |
| 工作电压 Working valtage                 | 40.4V-54V                             | 43.2V-57.6V   |
| 标准充电电流 Standard charging current     | 100A                                  |               |
| 标准放电电流 Standard discharging current  | 200A                                  |               |
| 放电深度 Suggested DOD                   | 80%                                   |               |
| 循环次数 Cycle life                      | >6000 cycles                          |               |
| IP 评级 IP Rating                      | IP21(IP21 optional)                   |               |
| 放电温度 Discharge operating temperature | -20℃~60℃                              |               |
| 充电温度 Charge operating temperature    | 0℃~45℃                                |               |
| 最大并联数量 Maximum parallel              | 15PCS                                 |               |
| 通讯接口 Interface                       | RS232/ CAN/ RS485( WIFI/ BT optional) |               |
| 显示 Display                           | LED touch screen                      |               |
| 质量保证 Warranty                        | 5 Years                               |               |
| 证书 Certificate                       | UN38.3/ MSDS/CE/ROHS/ FCC             |               |
| 净重 NW. (kg)                          | 130kg                                 | 135kg         |
| 毛重 GW. (kg)                          | 145kg                                 | 150kg         |
| 产品尺寸 Product size( mm)               | 530*845*200mm                         | 530*845*200mm |
| 包装尺寸 Padeage size( mm)               | 930*610*410mm                         | 930*610*410mm |

地址(Add): 浙江省温州市乐清市北白象镇中方智能工业园万宏路 8 号



No.8 Wanhong Road, Zhongfang Smart Park, Beibaixiang Town, LeqingCity, Wenzhou City, Zhejiang Province

座机(Tell):0577-62880981

传真(Fax):0577-61718918

## Product display



- The output panel is installed with a square display to set protocol content, and red and black terminals are used for input and output as well as battery connection in series.



- From left to right, start the first dial up, RS485 and CAN inverter RS485 and CAN, RS232 connected to the upper computer.

- Also equipped with battery switch button, switch simple and easy to operate.



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