



东莞瑞辉光电科技有限公司

DONGGUAN RUIHUI PHOTOELECTRIC TECHNOLOGY CO.,LTD.



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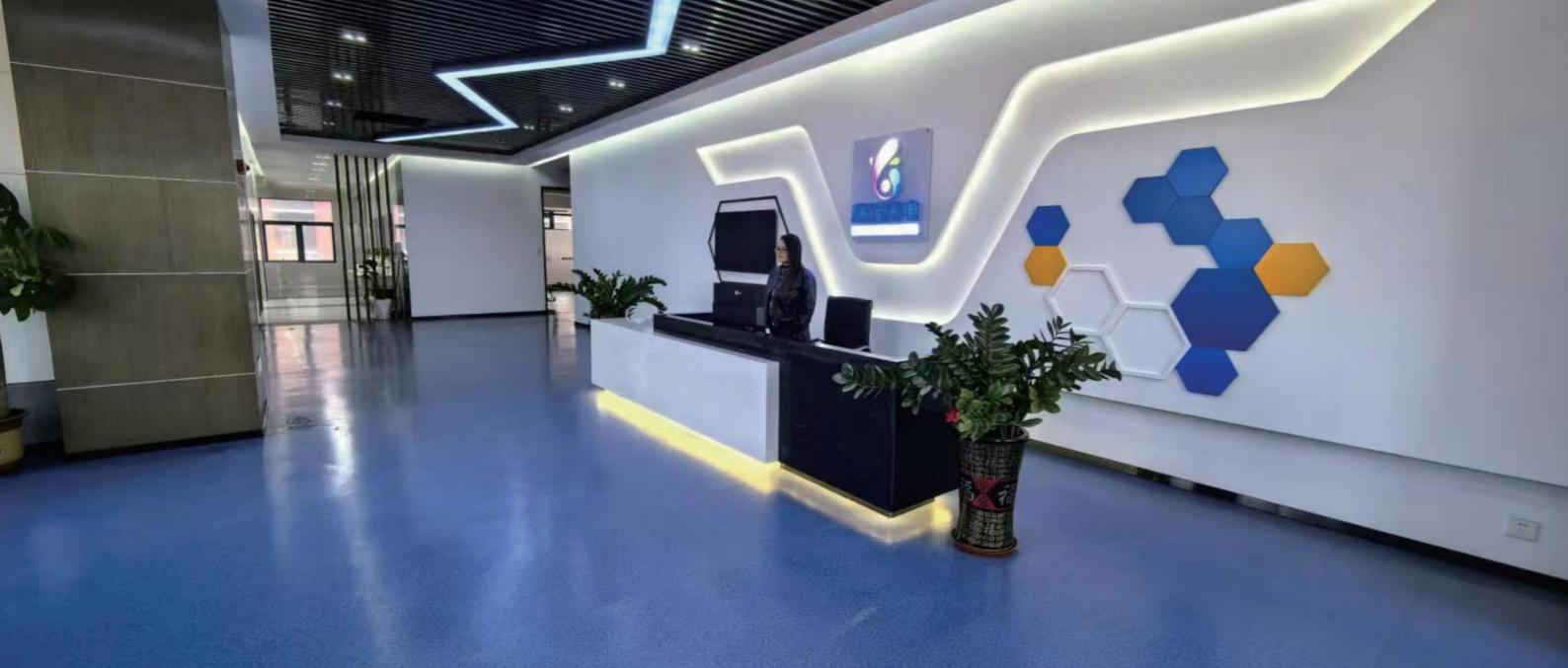
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Corporate brochure  
**企业宣传册**



## COMPANY PROFILE

### 公司简介

Dongguan Ruihui Optoelectronics Technology Co., Ltd. is a professional R & D, production and sales of LED series products. And is in the process of applying for ISO international series certification. Since its inception, inline with the "professional, innovation, integrity, service" purpose, advancing with the times, the pursuit of excellence, with leading professional technology and integrity of the spirit of service, is committed to the development and application of LED integration of solar street lamps, for the city landscape lighting and then add a bright light.

东莞市瑞辉光电科技有限公司是一家专业研发、生产、销售LED系列产品的企业。目前正在申请ISO国际系列认证。公司自成立以来，本着“专业、创新、诚信、服务”的宗旨，与时俱进，追求卓越，以领先的专业技术和诚信的服务精神，致力于LED一体化太阳能路灯的开发和应用，为城市景观照明再添一盏明亮的光。

With the depth of the concept of green lighting, the city's night landscape lighting as the theme of social science and cultural performance, has been more and more widely used in LED commercial lighting, outdoor lighting products. We grasp the pulse of the times, with strong human and technical support, developed: lighting series (LED integrated solar street lamps) successfully passed the GS, CE Shenzhen Technical Supervision Bureau and other departments of the test. Our company LED solar integrated streetlight has been widely marketed and exported to Europe and the United States and other places, in the field of urban landscape lighting, has a very high brand awareness and good reputation. We are a rejuvenated enterprise, full of vitality, positive and enterprising, aiming high, in the field of LED professional applications, has rapidly risen to the road of specialisation and scale development. On the basis of good internal development environment, the company takes the market demand as the core

competitiveness, and creates a new type of marketing model and marketing network to show the integrated streetlight products in front of the consumers, and become the leader of LED lighting industry. We warmly welcome new and old customers to come to our factory to inspect and negotiate business.

随着绿色照明理念的深入，以城市夜景照明为主题的社会科学文化表现，在led商业照明中得到了越来越广泛的应用；户外照明产品。我们把握时代脉搏，以强大的人力和技术支持，研发：照明系列（led集成太阳能路灯）顺利通过GS、CE深圳技术监督局等部门的检测。我公司集成LED太阳能路灯已广泛行销并出口欧美等地，在城市景观照明领域，具有极高的品牌知名度和良好的美誉度。我们是一家充满活力、积极进取、志存高远的LED领域复兴企业专业应用，已迅速走上专业化、规模化发展之路。在良好的内部发展环境的基础上，公司以市场需求为核心竞争力，并创造了新型的营销模式和营销网络来展示集成路灯产品呈现在消费者面前，成为led照明行业的领跑者。我们热忱欢迎新老客户来厂考察、洽谈业务。

## PRODUCT SPECIFICATIONS

### 产品规格

RH-SULseries

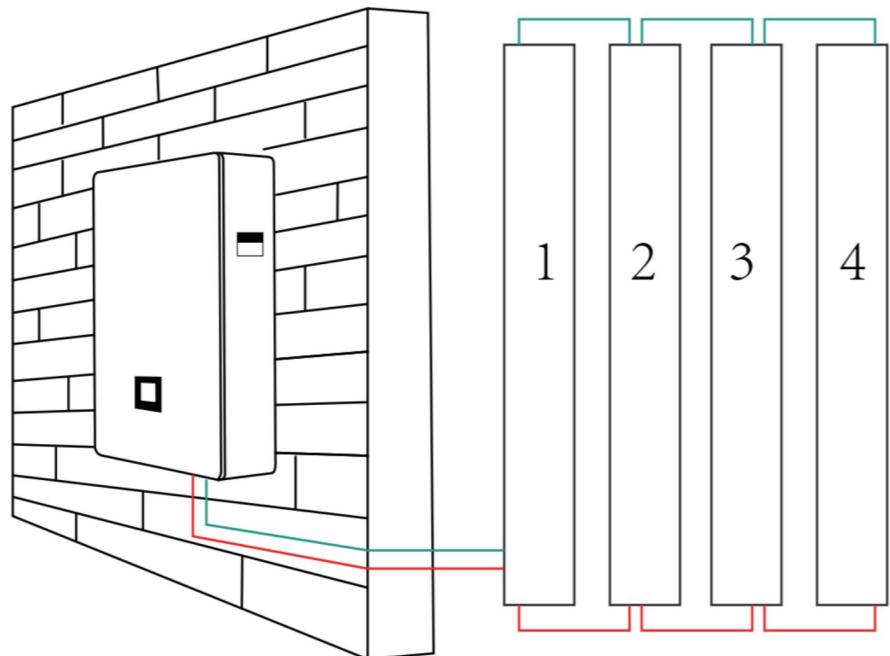


Model型号	RH-SUL1	RH-SUL2	RH-SUL3
Solar panels 太阳能面板	80W	100W	120W
Battery capacity 电池容量	182WH	219WH	292WH
Luminous flux 流明	4100LM	6150LM	8200LM
Installation height 安装高度	6M6米	7M7米	8M8米
Solar charging time 太阳能充电时间	6-8 hours by strong sunlight 6-8小时强阳光照射		
Color temperature 色温	3000K-6500K		
Waterproof 防水	IP65		
Light mode 亮灯模式	Light control+time control 光控+时间控制		
Working temperature 工作温度	-25°C to 70°C		
Size 规格	970*385*50MM	1090*385*50MM	1390*385*50MM
Packing size Quantity 灯体包装尺寸	1020*435*160MM 2PCS	1140*435*160MM 2PCS	1440*435*160MM 2PCS
Packing size Base Quantity 底座包装尺寸	450*200*200MM 2PCS	450*200*200MM 2PCS	450*200*200MM 2PCS

## 5KWh-battery Wall-mounted



Multiple units are used in parallel



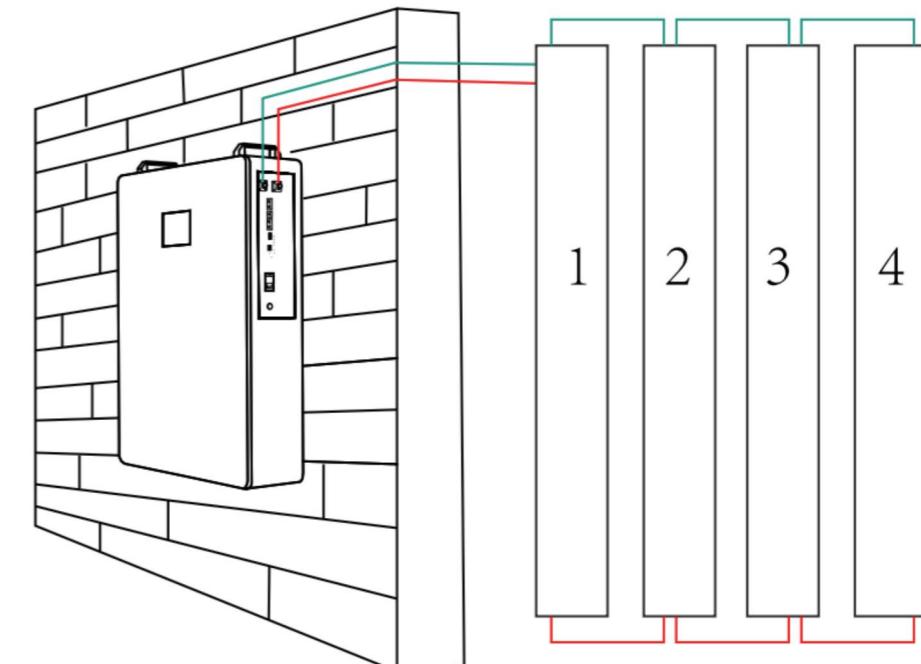
## 10KWh-battery Wall-mounted



WALL-MOUNTED BATTERY



Multiple units are used in parallel



Item	Specifications	Remark
Product specifications		
Nominal voltage	51.2V	
Nominal Capacity	100Ah	
Energy	5120 Wh	
Working voltage	40~58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	2 0A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard discharge current	2 0A	0.2C
Max discharge current	100A	Based on the working current of the BMS
Cell Model	LFP 50160116 3.2V100Ah	
Housing material	Cold rolled steel plate	
Dimensions	590*380*145+2mm	Excluding hanger and handle
Weight	≈ 48kg	Excluding installation accessorie
Working temperature range	Charge:0°C~45°C Discharge:-20°C -60°C	At10%-90% RH

Note: For the above testing items, the testing conditions should comply with all the contents of the third main item "Testing Conditions". If any of the working conditions of the battery exceed the range of the third main item, there will be a certain deviation in the performance of the battery

Item	Specifications	Remark
Product specifications		
Nominal voltage	51.2V	
Nominal Capacity	200Ah	
Energy	10240Wh	
Working voltage	40~58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	40A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard discharge current	40A	0.2C
Max discharge current	100A	Based on the working current of the BMS
Cell Model	LFP 50160116 3.2V 100Ah	
Housing material	Cold rolled steel plate	
Dimensions	725*550*162±2mm	Excluding hanger and handle
Weight	≈83kg	Excluding installation accessorie
Working temperature range	Charge: 0°C~45 °C Discharge: -20°C -60°C	At10%-90% RH

Note: For the above testing items, the testing conditions should comply with all the contents of the third main item "Testing Conditions". If any of the working conditions of the battery exceed the range of the third main item, there will be a certain deviation in the performance of the battery

## 15KWh-battery STANDING VERTICAL



Product model	DHA 150A/100A	DHA 150B/100A	DHA 150B/200A	DHA 150B/200A		
Rated voltage	51.2V					
Rated capacity	280Ah	314Ah	280Ah	314Ah		
Rated energy	14336Wh	16076Wh	14336Wh	16076Wh		
Weight	130Kg	140Kg	130Kg	140Kg		
Dimensions(L*V*H)	1190*390*238±4mm					
Standard charge current	75A		150A			
Standard discharge current	75A		150A			
Max. charging current	100A		200A			
Max. discharging current	100A		200A			
Peak charging current	110A(3S)		220A(3S)			
Peak discharging current	110A(3S)		220A(3S)			
Breaker Current	120A		240A			
Screen	75A		Touch Screen			
Battery type	LFP					
Lifetime(25°C)	20 Years					
Lifecycle(80%DOD,0.5C,25°C)	6000 Cycles	8000 Cycles	6000 Cycles	8000 Cycles		
Max. charging voltage	57.6V					
Over discharge voltage	40V					
Max. number of parallel	16					
Communication interfaces	CAN/RS485/USB/Bluetooth					
Lithium Battery Standard	UN38.3/MSDS/DGM/CE					
Storage time /temperature	6 months@25°C;3 months @35°C;1 months @45°C;					
Charging temperaturerange	0~55°C	0~45°C	0~55°C	0~45°C		
Discharging temperaturerange	-10~55°C	-10~45°C	-10~55°C	-10~45°C		
Cooling method	Natural cooling					
Enclosure protection rating	IP55					

## PRODUCTION WORKSHOP 生产车间



## WAREHOUSE 仓库



## OFFICE ENVIRONMENT 办公环境

