



东莞瑞辉光电科技有限公司

DONGGUAN RUIHUI PHOTOELECTRIC TECHNOLOGY CO.,LTD.



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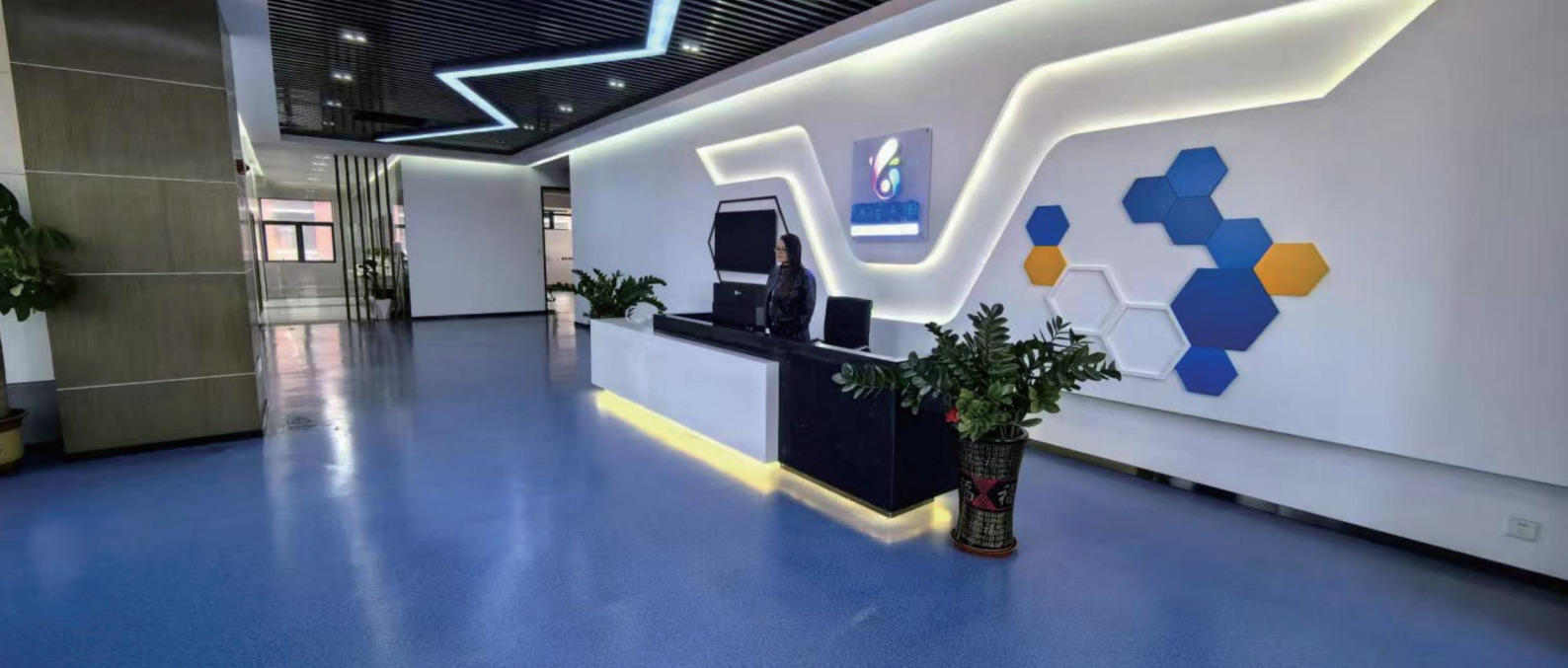
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Corporate brochure

企业宣传册





# COMPANY PROFILE

## 公司简介

Dongguan Ruihui Optoelectronics Technology Co., Ltd.is a professional R &D, productionand sales of LED series products.And is in the process of applying for ISO international seriescertification.Since its inception,inline with the " professional,innovation,integrity,service" purpose,advancing with the times, the pursuit of excellence,with leading professionaltechnology and integrity of the spirit of service,is committed to the development andapplication of LED integration of solar street lamps,for the city land scape lighting and then adda 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 ofthe concept of green lighting,the city's night landscape lighting as thetheme of social science and cultural performance, has been more and more widely used in LEDcommercial lighting, outdoor lighting products.We grasp the pulse of the times,with stronghuman and technical support, developed:lighting series (LED integrated solar street lamps)successfully passed the GS,CE Shenzhen Technical Supervision Bureau and otherdepartments of the test.Our company LED solar integrated streetlight has been widelymarketed and exported to Europe and the United States and other places, in the field of urbanlandscape lighting, has a very high brand awareness and good reputation. We area rejuvenated enterprise,full of vitality, positive and enterprising,aiming high,inthe field of LED professional applications, has rapidly risen to the road of specialisation andscale development.On the basis of good internal development environment,the companytakes the market demand as the core

competitiveness,and creates a newtype of marketingmodel and marketing network to show the integrated streetlight products in front oftheconsumers,and become the leader of LED lighting industry. We warmly welcome new and oldcustomers 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

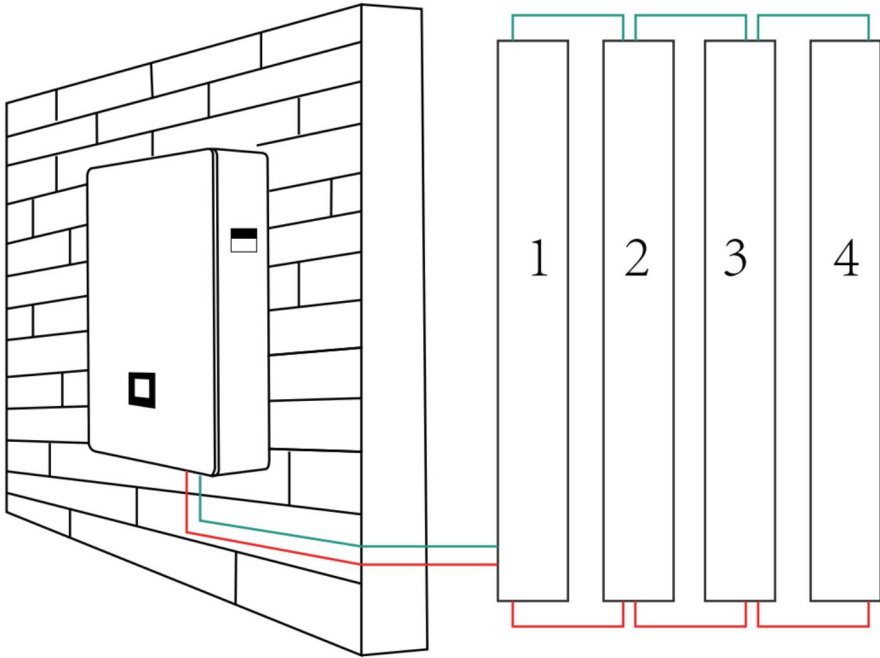


Model型号	RH-SUL1	RH-SUL2	RH-SUL3
Solar panels太阳能面板	80W	100W	120W
Battery capacity电池容量	182WH	219WH	292WH
Luminous ftux流明	4100LM	6150LM	8200LM
Installation height安装高度	6M6米	7M7米	8M8米
Solar charging time太阳能充电时间	6-8 hours by strong sunlight6-8小时强阳光照射		
Color temperature色温	3000K-6500K		
Waterproof防水	IP65		
Light mode亮灯模式	Light control+time control光控+时间控制		
Working temperature工作温度	-25℃ to 70℃		
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



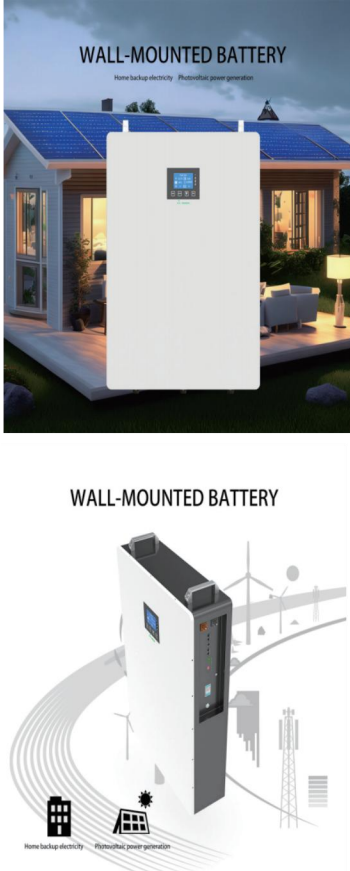
Multiple units are used in parallel



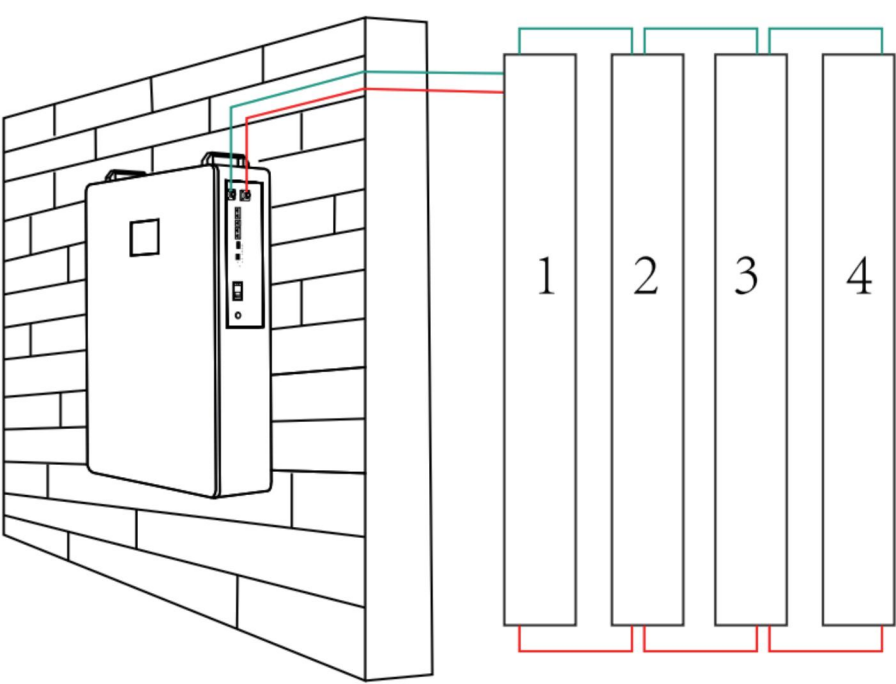
Item	Specifications	Remark
Product specifications		
Nominal voltage	51.2V	
Nominal Capacity	100Ah	
Energy	5120 Wh	
Working voltage	40~ 58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	2 0A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard 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℃~45℃	At10%-90%RH
	Discharge:-20℃ -60℃	

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

10KWh-battery Wall-mounted



Multiple units are used in parallel



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℃~45 ℃	At10%-90%RH
	Discharge: -20℃ -60℃	

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



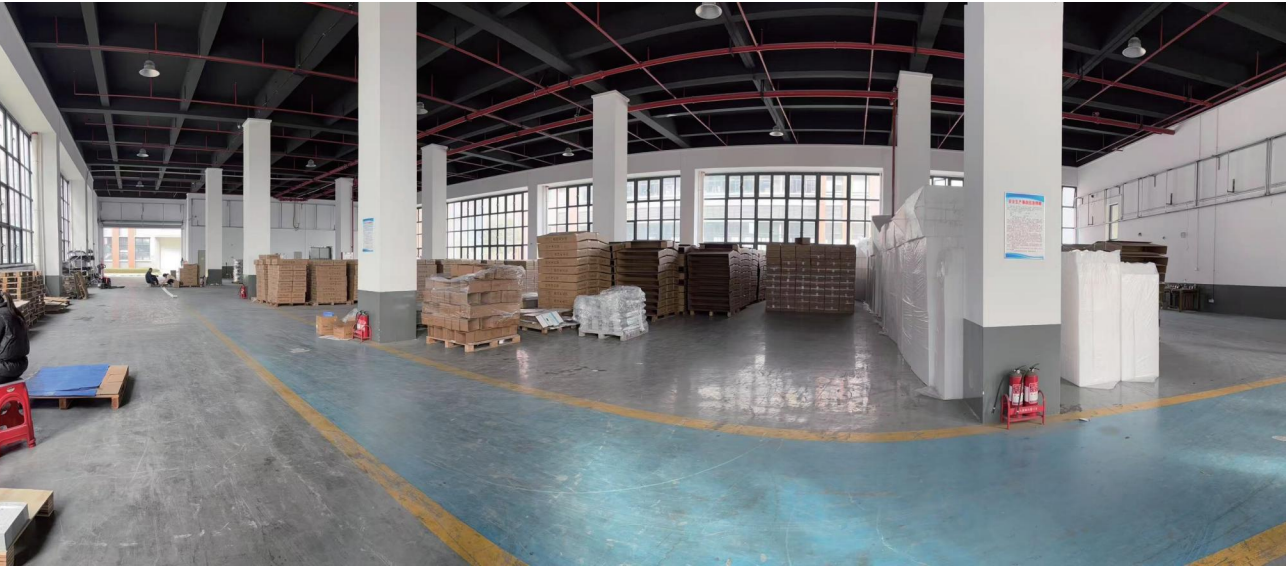
Product model	DHA 150A/100A	DHA 150B/100A	DHA 150B/200A	DHA 150B/200A
Rated voltage	51.2V			
Rated capacity	280Ah	314Ah	280Ah	314Ah
Rated energy	14336Wh	16076Wh	14336Wh	16076Vh
Weight	130Kg	140Kg	130Kg	140Kg
Dimensions(L*V*H)	1190*390*238±4mm			
Standard charge current	75A		150A	
Standard discharge current	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℃)	20 Years			
Lifecycle(80%DOD,0.5C,25℃℃)	6000Cycles	8000Cycles	6000Cycles	8000Cycles
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℃	0~45℃	0~55℃	0~45℃
Discharging temperaturerange	-10~55℃	-10~45℃	-10~55℃	-10~45℃
Cooling method	Natural cooling			
Enclosure protection rating	IP55			

PRODUCTION WORKSHOP  
生产车间





WAREHOUSE  
仓库



OFFICE ENVIRONMENT  
办公环境

