



# Profile of QKEEP

1

## About Us

2

## Products / Services

Camping Lights / Work Lights

All In One Solar Street Lights / Portable Solar Power Systems

OEM ODM Services / PCB Design

3

## R & D / Craftwork / Production

4

## Quality Control / Certificates

## About QKEEP

Since its establishment in 2015, QKEEP has been committed to the R&D, production and assembly in many fields involving PCBA board, smart electronics products, low-consumption LED products, solar lights, sports equipment, etc., and provides feasible solutions. Every solution is successfully delivered by optimizing R&D, procurement, manufacturing, quality control and logistics per every project's features, which can accurately meet customer needs.

After years of hard work, we have integrated cutting-edge design with the efficiency of traditional products, laying a solid foundation for the company's future development.

## Main Business

Smart Electronic Products:  
Design, R & D and programming.

PCBA Board:  
OEM & ODM manufacturing and testing.



Products:  
Assembly and Inspection;

Solar Lighting & LED Products:  
Design, R&D, programming and manufacturing.



# LED Camping Lights / Work Lights

## L1 SERIES W1 SERIES

When the sun goes down, you need a light for the night at the campsite. A camping light is essential when heading out for the camping trip because not every campsite is powered.

Whether fishing, cooking, walking, or simply sitting, you cannot move a step without the light. An LED camping light ensures safety, comfort, and convenience while camping.

LED work lights are a bright light source that can be used in dark or hard-to-reach areas. It can improve visibility and safety in a work environment. They can also increase productivity and accuracy for tasks that require detailed work.



**Portable:** Cordless Design

**Detachable:** Easy to use, install and carry

**Energy Saving:** LED light Source

**Low Cost:** Easily maintained

# LED Camping Light / Work Lights

L1 Series LED camping lights introduce a slim-line design, which brings a special visual experience.

Light up everywhere such as BBQ, beach, garden, finishing, and indoor.

## Bright Features

Full-direction adjustable LED light bar

Vertical 180° & Horizontal 360°

5-grade color temperature

30-level brightness

5-section telescoping rod with detachable tripod

Ground stake for extra stability

Max height 1.8M / 71"

Model	QKCLC-0010
Material	Alloy Aluminum / Iron
Input Voltage	DC 5V
Power	10W
Light Source Type	LED
Color Temperature	3000K/6500K
Control Method	Wire Control
Height	0.67M (24") – 1.8M (71")

## L1 SERIES



**LED CAMPING LIGHT**

- Full-direction Adjustable Light Bar  
Horizontal 360°  
Vertical 180°
- 5-grade Color Temperature
- 30-level Brightness
- 5-section Telescoping Rod
- Detachable Tripod
- Ground Stake for Extra Stability
- Max Height 1.8M / 71"

**LIGHT UP EVERYWHERE**

Indoor

Work

Party

Camping

BBQ



# Rechargeable LED Camping Lights / Work Lights

## W1 SERIES

W1 Series rechargeable LED camping lights/work lights adopt a cordless design and detachable structure, which is easy to use, install, and carry. The triple/fourth light blades can be adjusted angle with vertical 180° and horizontal 270°, which can light up larger scale areas.

It's a great choice for camping activities, job sites, workshops, outdoor work, BBQ, parties, fishing, etc.



### Bright Features

Adjustable LED Light Blades with Vertical 180° & horizontal 270°

DUAL Color Temperature 3000K / 6500K

Triple Luminous Flux 600lm - 2400lm

Portable Cordless Design & Detachable Structure

Multi-purpose Built-in Hook & Magnets

10 Meters Remote Distance

Max. Working Time 17hrs

Max. Height 1.7M / 67"

# Rechargeable LED Camping Lights / Work Lights

## W1 SERIES

W1 Series rechargeable LED camping lights/work lights adopt a cordless design and detachable structure, which is easy to use, install, and carry. The triple/quadruple light blades can be adjusted angle with vertical 180° and horizontal 270°, which can light up larger scale area. In addition, the attached 433MHz remote controller makes use within a 10-meter range more convenient.

It's a great choice for camping activities, job sites, workshops, outdoor work, BBQ, parties, fishing, etc.

### Bright Features

Adjustable LED light blades with vertical 180° & horizontal 270°

Color temperature 3000K / 6500K

Luminous flux 600/1500/2400lm

10 meters remote distance

Built-in hook, magnets, and universal 1/4-inch screw

High-efficiency lithium battery 12000mAh / 44.4Wh

Type-C charging port (5V/2A)

Max. working time 17 hrs

Max Height 1.7M / 67"



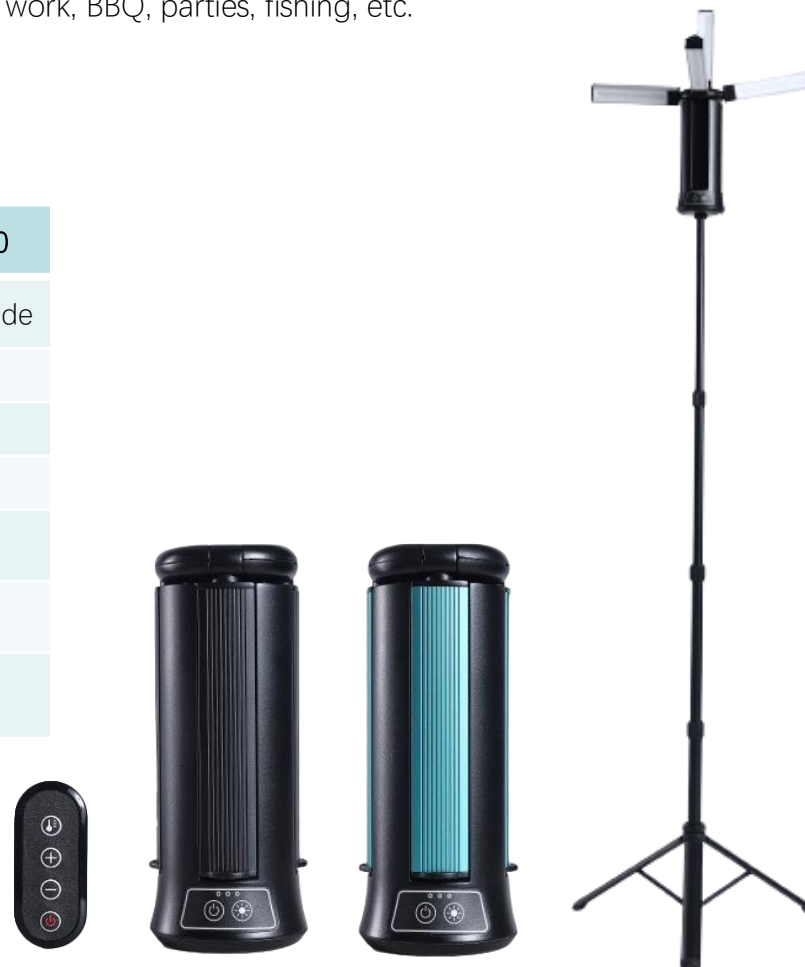
# Rechargeable LED Camping Lights / Work Lights

## W1 SERIES

W1 Series rechargeable LED camping lights/work lights adopt a cordless design and detachable structure, which is easy to use, install, and carry. The triple/quadruple light blades can be adjusted angle with vertical 180° and horizontal 270°, which can light up larger scale area. In addition, the attached 433MHz remote controller makes use within a 10-meter range more convenient.

It's a great choice for camping activities, job sites, workshops, outdoor work, BBQ, parties, fishing, etc.

Model	QKCLW-0310	QKCLW-0410
LED Lighthead	3pcs x Light Blade	4pcs x Light Blade
LED Power (W)	10W	
Luminous Flux (lm)	600 / 1500 / 2400	
Color Temperature (K)	3000 / 6500	
High-efficiency Lithium Battery	3.7V / 12000mAh / 44.4Wh	
Control Method	Button Control / Remote Control	
Others	Type-C port / Built-in Hook Magnets Base / Tripod	





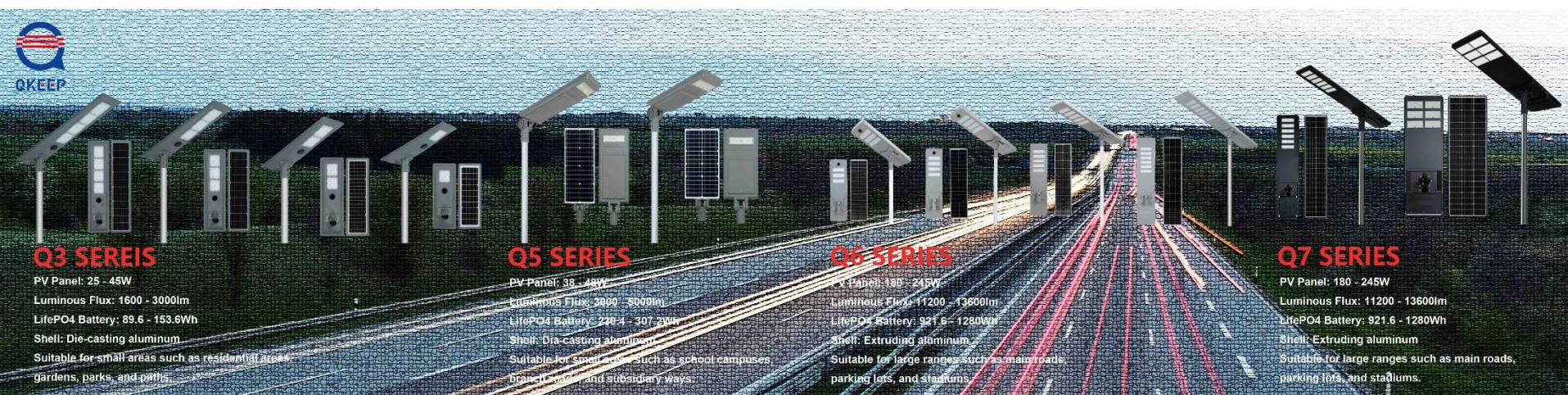
# All In One Solar Street Lights

## Q SERIES

All-in-one Solar Street Light is a lightweight design idea to simplify complex systems through modular components and intelligent control management, which integrates all components (MONO PV panel, LED module, LiFePO4 lithium-ion battery, and microwave sensor) altogether.

It isn't only extremely easy to install, deliver, and store, but also saves labor costs and maintenance costs.

A wise choice to seek out different solutions for a variety of projects.



**Compact:** all modules integrated in one

**Easy:** no digging, no wiring, no assembly

**Energy Saving:** slim housing and simple structure

**Low Cost:** easily installed and maintained

# All In One Solar Street Lights

## Q3 SERIES

The Q3 series adopts a robust die-cast aluminum housing, which does not fear severe cold and heat. It is equipped with a high-sensitivity microwave sensor, which makes its work more energy-saving and efficient.

The Q3 Series is more suitable for small areas such as residential areas, gardens, parks, and paths.



Model	PV Panel	Luminous Flux	LiFePO4 Battery
QKAT0363-AIO2510	25W 5V MONO	1600lm	89.6Wh
QKAT0363-AIO3012	30W 5V MONO	1920lm	96Wh
QKAT0363-AIO4015	40W 5V MONO	2400lm	115.2Wh
QKAT0363-AIO4520	45W 5V MONO	3200lm	153.6Wh

# All In One Solar Street Lights

## Q5 SERIES

The Q5 Series adopts high-luminous LED chips up to 200lm/W, which can not only release more luminous flux through a smaller lamp module but also optimize the internal structure of the product.

This series-based Q3 increases battery capacity to meet the needs for a longer lighting time. An adjustable bracket can ensure lighting angle and sun energy-converted efficiency.

Q5 Series is suitable for small areas such as school campuses, branch roads, and subsidiary ways.



Model	PV Panel	Luminous Flux	LiFePO4 Battery
QKAT0310-AIO3815	38W 16V MONO	3000lm	230.4Wh
QKAT0310-AIO4825	48W 16V MONO	5000lm	307.2Wh



# All In One Solar Street Lights

## Q6 SERIES

The O6 Series makes up for the medium-sized solar street lights with PV panel of 65-130W and LED actual power of 40-70W. Compared with other series of the same size, it has increased battery capacity and LED power, but the cost is well controlled

The O6 Series is suitable for medium and large areas such as main roads parking lots, and stadiums.



Model	PV Panel	Luminous Flux	LiFePO4 Battery
QKAT0911-AIO6540	65W 18V MONO	6400lm	537.6Wh
QKAT0911-AIO8850	88W 18V MONO	8000lm	691.2Wh
QKAT0911-AIO10065	100W 18V MONO	10400lm	768Wh
QKAT0911-AIO13070	130W 16.5V MONO	11200lm	921.6Wh

# All In One Solar Street Lights

## Q7 SERIES

The Q7 Series introduces a new design concept with a slim frame and simplified structure, so the thinnest thickness is only 22mm. In addition, the powder-coated extruded aluminum shell is more durable, which not only brings a smooth visual experience but also calmly copes with various extreme weather.

The Q7 Series uses the biggest configurations including PV panel size, battery capacity, and LED luminous flux, so that it can be applied to large ranges such as main roads, parking lots, and stadiums.



Model	PV Panel	Luminous Flux	LiFePO4 Battery
QKAT0412-AIO18070	180W 20V MONO	11200lm	921.6Wh
QKAT0412-AIO24585	245W 30V MONO	13600lm	1280Wh

# Portable Solar Power Systems

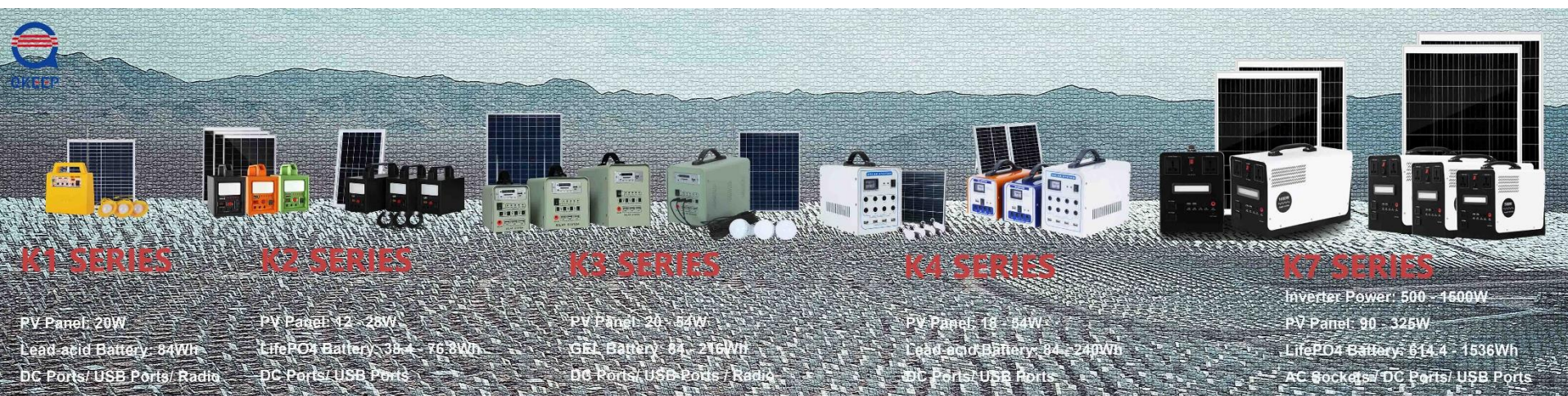
## K SERIES

Solar Power System is a type of power-generating device using solar panels to convert sunlight into electricity, which is then stored in a battery that can be used to power various electronic devices.

**Multi-purpose:** it's great for camping, hiking, and other outdoor activities as they're easy to use, and can provide a clean and renewable source of energy. You can use them to power your phones, cameras, tents, RVs, or other camping equipment.

**Portability:** it's also useful for remote locations, such as construction sites, research stations, and mining camps. It can provide a reliable and efficient source of energy for powering tools, lighting, and communication equipment.

**Emergency Backup:** in case of a power outage or natural disaster, solar power systems for homes can provide a critical source of backup power. They can power essential appliances, such as medical equipment, refrigerators, and communication devices, and help you stay connected and safe during emergencies.



### K1 SERIES

PV Panel: 20W  
Lead-acid Battery: 84Wh  
DC Ports/ USB Ports/ Radio

### K2 SERIES

PV Panel: 12 - 28W  
LiFePO<sub>4</sub> Battery: 38.4 - 76.8Wh  
DC Ports/ USB Ports

### K3 SERIES

PV Panel: 20 - 54W  
GEL Battery: 84 - 216Wh  
DC Ports/ USB Ports/ Radio

### K4 SERIES

PV Panel: 18 - 54W  
Lead-acid Battery: 84 - 240Wh  
DC Ports/ USB Ports

### K7 SERIES

Inverter Power: 500 - 1600W  
PV Panel: 90 - 325W  
LiFePO<sub>4</sub> Battery: 514.4 - 1536Wh  
AC Sockets/ DC Ports/ USB Ports



# Portable Solar Power Systems

## K1 SERIES

The K1 Series is the 1st generation of portable solar power systems.

The original intention of the design is only to meet daily use through the base function (lighting, charging and radio), so its appearance is designed in a fashionable handbag style.



Model	QKAT0464-SPS2007
Solar Panel	20W 18V POLY
Battery Type	Lead-acid Battery 84Wh (7AH) 12V
LED Bulb	5W Bulb 3pcs 6000K 160lm/W
Port	DC Output (3 ports): 12V 5A USB Output (2 ports): 5V 3A
Radio	FM / U Disk / SD Card

# Portable Solar Power Systems

## K2 SERIES

The K2 Series is the 1st model with a built-in front LED light, which can be as an emergency light and SOS signal. In addition, it increases battery capacities and models to meet various of more customers' needs.



Model	QKAT0285-SPS1212	QKAT0285-SPS1818	QKAT0285-SPS2824
Solar Panel	12W 6V POLY	18W 6V POLY	28W 6V POLY
Battery Type	LifePO4 38.4Wh (12AH) 3.2V	LifePO4 57.6Wh (18AH) 3.2V	LifePO4 76.8Wh (24AH) 3.2V
LED Bulb	3pcs Bulb 6000K 160lm/W	3pcs Bulb 6000K 160lm/W	3pcs Bulb 6000K 160lm/W
Port	DC Output (3 ports): 12V / USB Output (1 port): 5V 2.5A		

# Portable Solar Power Systems

## K3 SERIES

The K3 Series is the 1st model with a GEL battery, which is superior to ordinary lead-acid battery in terms of charging, discharging, lifespan and safety. Additionally, the housing is made of metal, making it more robust and durable.

Its functions combine the K1 series and K2 series.



Model	QKAT0354-SPS2084	QKAT0354-SPS30144	QKAT0354-SPS54216
Solar Panel	20W 18V POLY	30W 18V POLY	54W 18V POLY
Battery Type	GEL Battery 84Wh	GEL Battery 144Wh	GEL Battery 216Wh
LED Bulb	3pcs Bulb 6000K 160lm/W	3pcs Bulb 6000K 160lm/W	3pcs Bulb 6000K 160lm/W
Port	DC Output (4 ports): 12V / USB Output (3 ports): 5V 2.5A		
Radio	FM / U Disk / SD Card		



# Portable Solar Power Systems

## K4 SERIES

The K4 Series is a solar power system focused on lighting larger areas, and it has 4 - 8 ports of DC 12V, which also connect 4- 8 bulbs.

It's a good choice for areas lacking electricity.



Model	QKAT0928-SPS1807	QKAT0928-SPS3012	QKAT0928-SPS5420
Solar Panel	18W 18V POLY	30W 18V POLY	54W 18V POLY
Battery Type	Lead-acid Battery 84Wh (7AH) 12V	Lead-acid Battery 144Wh (12AH) 12V	Lead-acid Battery 240Wh (20AH) 12V
LED Bulb	4pcs Bulb 6000K 160lm/W	4pcs Bulb 6000K 160lm/W	4pcs Bulb 6000K 160lm/W
Port	DC Output (4 ports): 12V USB Output (1 port): 5V 1A		DC Output (8 ports): 12V USB Output (4 ports): 5V 1A.

# Portable Solar Power Systems

## K7 SERIES

The K7 Series is the largest solar power system we have ever manufactured.

It has a built-in maximum 1500Wh LifePO4 lithium battery and 1500W inverter power supply, so it can provide AC 110-220V and DC 5-12V to meet more "powerful" needs in your daily life and work.



Model	QKAT1208-SPS9048	QKAT1208-SPS18048	QKAT1208-SPS32560
Inverter Power	Max. 500W	Max. 1000W	Max. 1500W
Solar Panel	90W 18V POLY	180W 36V POLY	325W 36V POLY
Battery Type	LifePO4 614.4Wh (48AH) 12.8V	LifePO4 1228.8Wh (48AH) 25.6V	LifePO4 1536Wh (60AH) 25.6V
Port	AC Output (2 sockets): 220V 50Hz / DC Output (2 ports) : 12V / USB Output (2 ports): 5V 2A		

## OEM Products



The 1<sup>st</sup> Generation Video Light



The 2<sup>nd</sup> Generation Video Light



Holder of Notebook



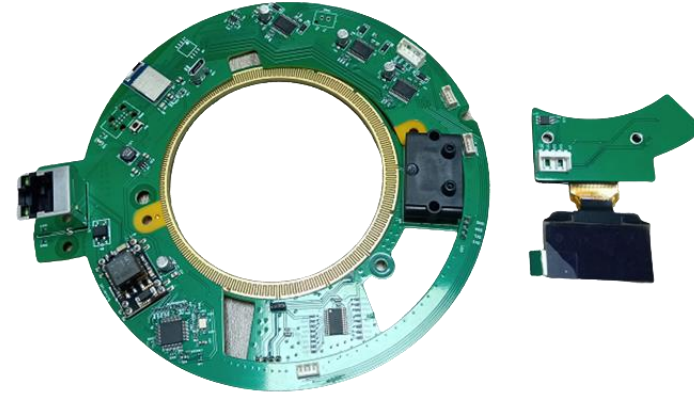
The 3<sup>rd</sup> Generation Video Light



# PCBA Design



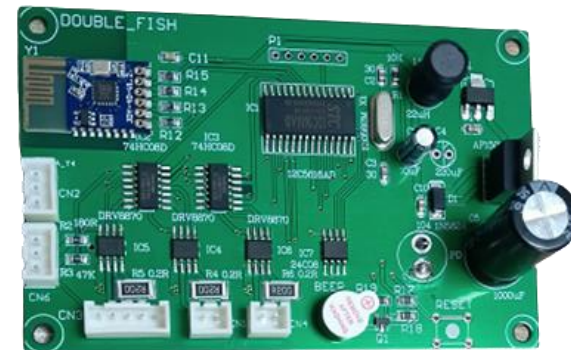
PCBA of Power Supply CPU



Air Exchange Board



Remote Control of Table Tennis Server



PCBA of Table Tennis Server



From 2022 to 2023, we were awarded 7 utility model patents, 3 software work patents, and 3 design patents.

Production process engineers is responsible for editing craft documents.

We have been successfully designed and developed over 30 products for customers in past years.

A circular graphic with a gradient from orange to yellow, containing the text 'R & D Plan in 2024' in blue. Three white lines radiate from the right side of the circle to the three boxes on the right.

## R & D Plan in 2024

Complete the application of 5-6 utility model patents, 3 design patents and 3 software work patents.

Upgrade 4 - 5 projects and the develop 3 - 4 new projects.

Improve standardization, normalization and specialization for R & D project.





## Production

96% of the front-line employees have more than 5 years of working experience in the electronics factory;

Venders have cooperated with us over 5 years;

SMD/anti-static production control throughout the production process;

All finished products are delivered with barcode labels, which can be tracked.

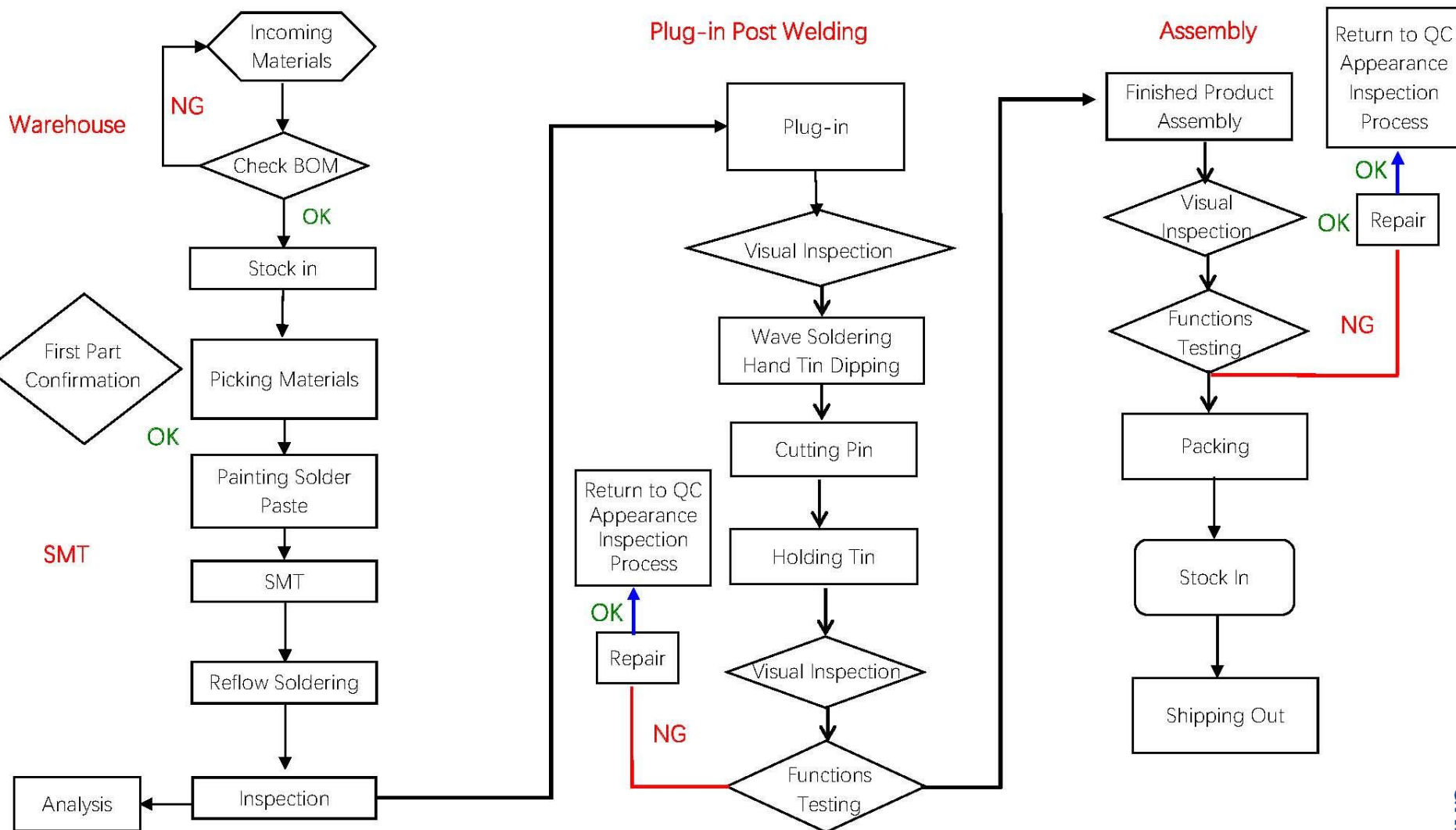


# Assembly





# Flow Chart of Production Craftwork





Timely Delivery  
Quality Guarantee  
Customer Satisfaction  
Continuous Improvement

Policy

The first pass rate of product delivery is over 98%;

The Timely delivery rate is more than 100%;

The customer complaints and timely feedback rate reaches 100%.

Target

Quality  
Guarantee

# ISO9001 Certification



**CERTIFICATE OF QUALITY MANAGEMENT SYSTEM  
CERTIFICATION**

Certificate No.: 19822QF4329R0S  
Unified Social Credit Code /Organization Code:914404003349003326

We hereby certify that the organization:  
**ZHUHAI QIANQI TECHNOLOGY CO.,LTD.**

Is in conformity with Quality Management System Standard:  
**GB/T19001-2016 idt ISO9001:2015**

The certificate is valid to the following product(s)/service:  
**R&D, production and sales of electronic products (remote control  
PCBA boards, LED lights) (except those required to have qualification  
certificate); production of PCB boards**

Registration Address: Area D, 2nd Floor (East), Type B1 Building, No. 7, Pingdong 1st  
Road, Nanping Science and Technology Park, Xiangzhou District, Zhuhai City  
Business Address: Area D, 2nd Floor (East), Type B1 Building, No. 7, Pingdong 1st Road,  
Nanping Science and Technology Park, Xiangzhou District, Zhuhai City

Date of Initial Issuance: Jun 14, 2022  
Date of This Issuance: Jun 14, 2022  
Date of Expiration: Jun 13, 2025

  中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C178-M

 Issued By: *Mingyan Zhou*

The certificate is valid within the period of validity of various state administrative licensing and qualification licensing.  
To maintain the validity of the certificate, the certified organization must accept and pass the regular surveillance audit.  
To check the validity of certificate, please visit our website at [www.cqcc.com](http://www.cqcc.com) or login to CNCA website at [www.cnca.gov.cn](http://www.cnca.gov.cn) or scan QR code



**Beijing Xinjiyuan Certification Co.,Ltd.**  
Address: Room 805, North Area, 7/F, Building 122, Nanhu Dongyuan,  
Chaoyang District, Beijing China (Post Code: 100102)

# High-tech Enterprise Certificate





# Utility Model Patent Certificate

证书号第19358991号



## 实用新型专利证书

实用新型名称：一种可在阳光直射下使用的光纤传感器

发 明 人：宋军霞

专 利 号：ZL 2023 2 0564356.2

专 利 申 请 日：2023年03月22日

专 利 权 人：珠海仟佰科技有限公司

地 址：519000 广东省珠海市香洲区南屏科技工业园一路7号B1  
型 房二楼503K

授权公告日：2023年07月21日 授权公告号：CN 219392300 U

国家知识产权局根据中华人民共和国专利法的规定，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效，专利权期限为十年，自申请日起算。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨



2023年07月21日

第1页(共2页)

其他事项参见续页

证书号第20209842号



## 实用新型专利证书

实用新型名称：一种面板灯支架

发 明 人：宋军霞/杜新城/黄一飞

专 利 号：ZL 2023 2 0865204.6

专 利 申 请 日：2023年04月17日

专 利 权 人：珠海仟佰科技有限公司

地 址：519000 广东省珠海市香洲区南屏科技工业园一路7号B1  
型 房二楼503K

授权公告日：2023年12月22日 授权公告号：CN 220228999 U

国家知识产权局根据中华人民共和国专利法的规定，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效，专利权期限为十年，自申请日起算。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨



2023年12月22日

第1页(共2页)

其他事项参见续页

证书号第19518516号



## 实用新型专利证书

实用新型名称：一种双路输出的LED控制器

发 明 人：宋军霞/杜新城/黄一飞

专 利 号：ZL 2023 2 0284267.2

专 利 申 请 日：2023年02月22日

专 利 权 人：珠海仟佰科技有限公司

地 址：519000 广东省珠海市香洲区南屏科技工业园一路7号B1  
型 房二楼503K

授权公告日：2023年08月15日 授权公告号：CN 219536351 U

国家知识产权局根据中华人民共和国专利法的规定，决定授予专利权，颁发实用新型专利证书并在专利登记簿上予以登记。专利权自授权公告之日起生效，专利权期限为十年，自申请日起算。

专利证书记载专利权登记时的法律状况。专利权的转移、质押、无效、终止、恢复和专利权的姓名或名称、国籍、地址变更等事项记载在专利登记簿上。

局长 申长雨



2023年08月15日

第1页(共2页)

其他事项参见续页



# Computer Software Copyright Registration Certificate

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10008642号

软件名称：发球机主板软件  
V1.0

著作权人：珠海仟祺科技有限公司

开发完成日期：2022年05月10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：2022SR1054443

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。

  
  
No. 11235767

  
2022年08月09日

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10925471号

软件名称：无线发球机遥控控制软件  
V2.3

著作权人：珠海仟祺科技有限公司

开发完成日期：2022年08月05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：2023SR0338300

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。

  
  
No. 12386142

  
2023年03月14日

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10288957号

软件名称：牙刷杀菌机软件  
V1.0

著作权人：珠海仟祺科技有限公司

开发完成日期：2022年05月10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：2022SR1334758

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。

  
  
No. 11569807

  
2022年08月30日



# Thanks for View