

# Company Profile

## When

In 2005, found an registered capital of RMB51,000,000

In 2014, to be National high-tech enterprise

In 2016, approved by the military production qualification, to be the first in the solar lighting industry

## Where

R&D center & sales team in Shenzhen

Manufacturing Base in Shandong

Branch office in South Africa

## What

Experts in R&D, Production, Sales, Service of integrated solar lighting.

Turnkey solution: engineering design, production, construction, monitoring and after sales management

## Why

12 years experience

Leading edge technology in solar street lights 20+ Patents

68000 sqm industry park, 800+ employee, 60+ R&D engineers



# CONTENT

## PART 1

### Integrated Solar Street Lights

#### 02 LRC-F SERIES

LRC-F30-40/LRC-F20/LRC-F15

#### 05 LRC-D SERIES

LRC-D100-120/LRC-D70-80/LRC-D50-60/LRC-D30-40

#### 07 LRC SERIES

LRC80-100W/LRC50-60W/LRC25-40W/LRC20W

LRC15W/LRC08-12W/LRC05W

### Integrated Solar Advertising Light Box

#### 15 LRC20W-001GB

### Integrated Solar Street Lights With CCTV Camera

#### 16 LRC30W-001GC1

#### 17 LRC20W-001GC1

## PART 2

### Integrated Solar Billboard Lights

#### 19 LFA SERIES

LFA36W/LFA24W/LFA06W

## PART 3

### Integrated Solar Garden Lights

#### 21 LGA SERIES

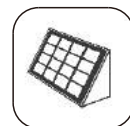
LGA30W/LGA15W/LGA09W

# 1 PART ONE

INTEGRATED SOLAR  
STREET LIGHTS

# LRC-F SERIES

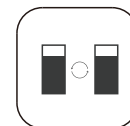
Patent No.: 201621088792.3



Monocrystalline  
Solar Module



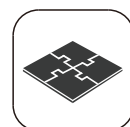
Efficient Controller



Battery system



CREE LED



All-in-One



Anti-Typhoon



PIR motion Sensor



IP65

## NEW SERIES

Ultra-thin Design

LED Modular Thermal Design

Innovative Battery Protection System

Easily Replaceable Battery

# Unique Advanced Technology

03

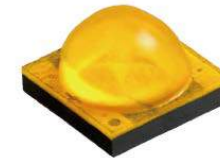


Ultra-Thin Design



MUCH BRIGHTER

140Lm/W, 30% brighter than other similar products



MUCH SAFER

Battery can be easily replaced



LRC-F30-40



LRC-F20



LRC-F15



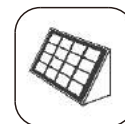
## ► Technical Specification

Name	Specification			
Model No.	LRC-F40	LRC-F30	LRC-F20	LRC-F15
Solar Panel	18V/60W	18V/60W	18V/40W	18V/30W
Battery Type	Lithium Battery	Lithium Battery	Lithium Battery	Lithium Battery
Light Source	40W CREE	30W CREE	20W CREE	15W EVERLIGHT
Color Temperature	2700-6500K	2700-6500K	2700-6500K	2700-6500K
Luminous Flux	5600Lm(TYP)	4200Lm(TYP)	2800Lm(TYP)	1800Lm(TYP)
Working Hours	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours	6~8 hours	6~8 hours
IP Rating	IP65	IP65	IP65	IP65
Mounting Height	4-6m	4-6m	5-7m	5-7m
Product Size	1187*280*36.5mm	1187*280*36.5mm	937*280*36.5mm	937*197*36.5mm
Net Weight	16.5kg	15.5kg	11kg	8.5kg



# LRC-D SERIES

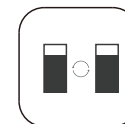
Patent No.: 201710044335.7



Monocrystalline  
Solar Module



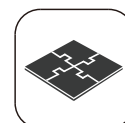
Efficient Controller



Battery system



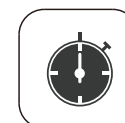
CREE LED



All-in-One



Anti-Typhoon



Time Control



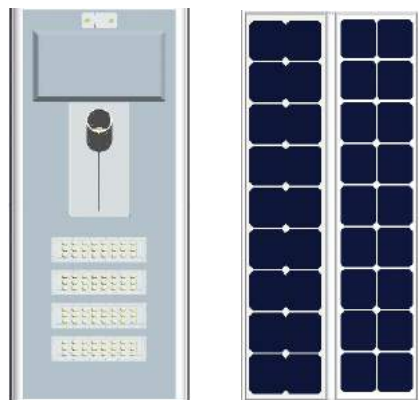
IP65

## NEW PRODUCT RELEASE

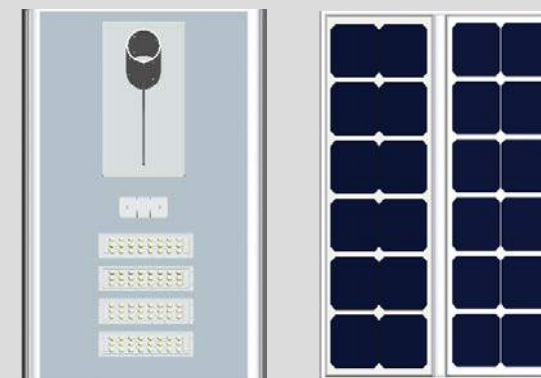
Firstly earth-shaking  
representation of new led  
integrated solar street light in  
2017



LRC-D100-120



LRC-D70-80



LRC-D50-60



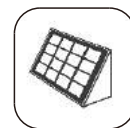
LRC-D30-40





# LRC SERIES

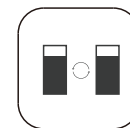
Patent No.: 201621088792.3



Monocrystalline  
Solar Module



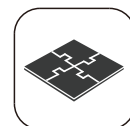
Efficient Controller



Battery system



CREE LED



All-in-One



Anti-Typhoon



PIR motion Sensor



IP65

## BEST SELLERS

Patent Design, Globe First  
LED Modular Thermal Design  
Innovative Battery Protection System  
Typhoon Resistant

# INTEGRATED SOLAR LED STREET LIGHT

## LRC80W LRC100W



### ► Technical Specification

Name	Specification	
Model No.	LRC100W	LRC80W
Solar Panel	36V/120W	36V/110W
Battery Type	LIFEPO4 Battery	LIFEPO4 Battery
Light Source	100 CREE	80 CREE
Color Temperature	2700-6500K	2700-6500K
Luminous flux	14000Lm(TYP)	11200Lm(TYP)
Working Hours	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Mounting Height	8-10m	8-10m
Product Size	1608*405*112mm	1608*405*112mm
Net Weight	33kg	32kg



INTEGRATED  
SOLAR LED STREET LIGHT

**LRC50W**  
**LRC60W**



► **Technical Specification**

Name	Specification	
Model No.	LRC60W	LRC50W
Solar Panel	18V/90W	18V/80W
Battery Type	LiFePO4 Battery	LiFePO4 Battery
Light Source	60W CREE LED	50W CREE LED
Color Temperature	2700-6500K	2700-6500K
Luminous flux	8400Lm(TYP)	7000Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days	12~14 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Mounting Height	6-8m	6-8m
Product Size	1158*405*56mm	1158*405*56mm
Net Weight	22kg	21.5kg

# INTEGRATED SOLAR LED STREET LIGHT

**LRC25W**  
**LRC30W**  
**LRC40W**

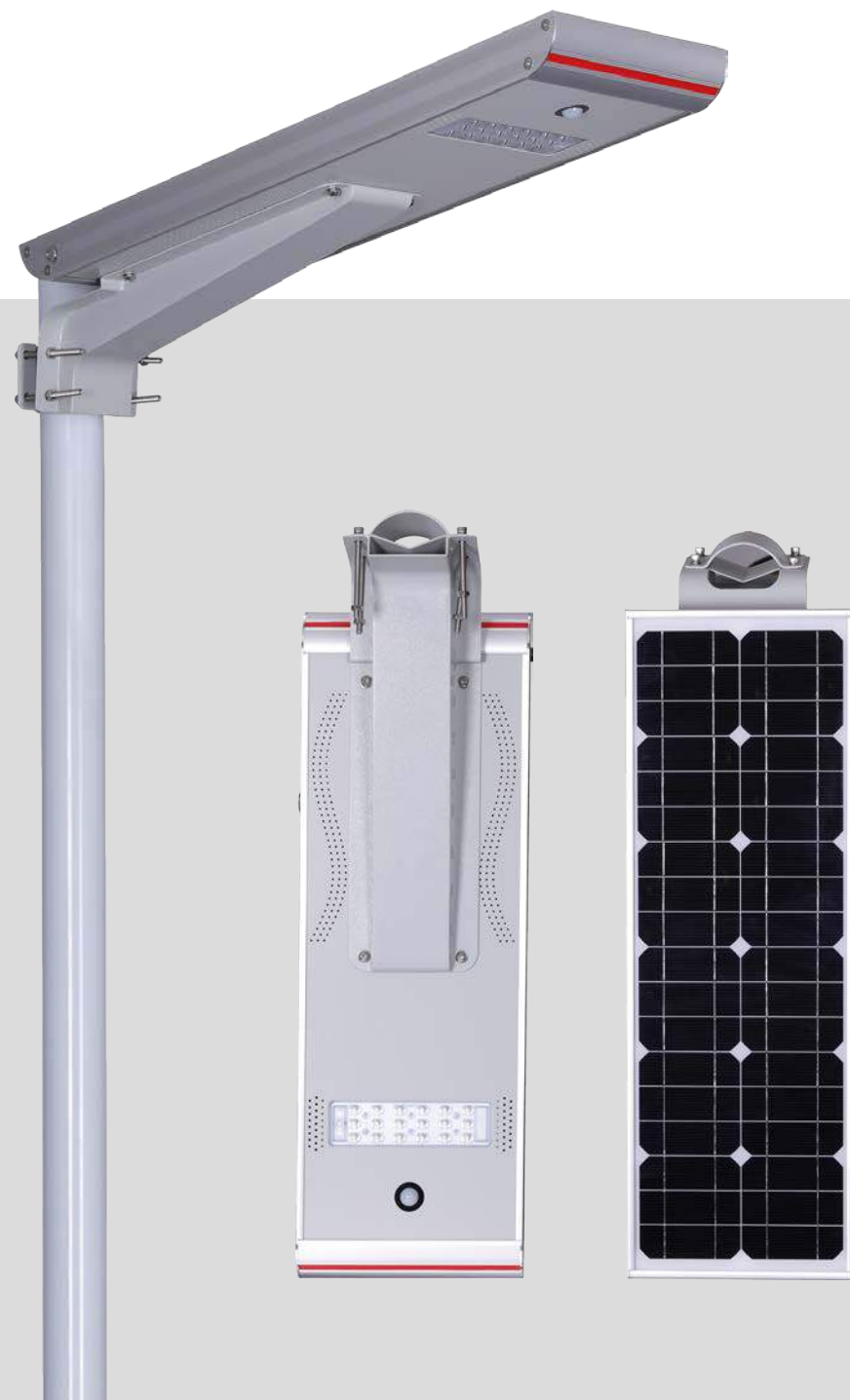


## ► Technical Specification

Name	Specification		
Model No.	LRC40W	LRC30W	LRC25W
Solar Panel	18V/60W	18V/60W	18V/50W
Battery Type	LiFePO4 Battery	LiFePO4 Battery	LiFePO4 Battery
Light Source	40W CREE LED	30W CREE LED	25W CREE LED
Color Temperature	2700-6500K	2700-6500K	2700-6500K
Luminous flux	5600Lm(TYP)	4200Lm(TYP)	3500Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days	12~14 hours,3~5 rainy days	12~14 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours	6~8 hours
IP Rating	IP65	IP65	IP65
Mounting Height	5-7m	5-7m	5-7m
Product Size	1158*281*56mm	1158*281*56mm	1158*281*56mm
Net Weight	17.5kg	17kg	16.5kg



# INTEGRATED SOLAR LED STREET LIGHT LRC20W



## ► Technical Specification

<i>Name</i>	<i>Specification</i>
Model No.	LRC20W
Solar Panel	18V/40W
Battery Type	LiFePO4 Battery
Light Source	20W CREE LED
Color Temperature	2700-6500K
Luminous flux	2800Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Mounting Height	4-6m
Product Size	908*281*56mm
Net Weight	13kg



# INTEGRATED SOLAR LED STREET LIGHT LRC15W

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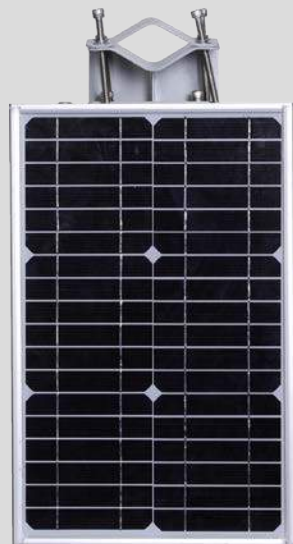
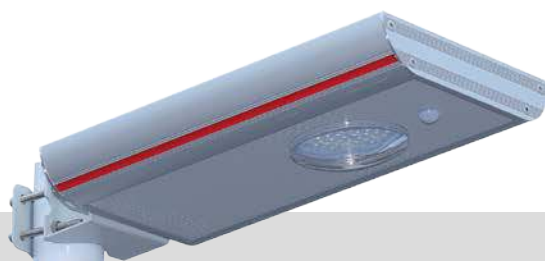


## ► Technical Specification

Name	Specification
Model No.	LRC15W
Solar Panel	18V/30W
Battery Type	High Efficiency LiFePO4 Battery
Light Source	15W Everlight LED
Color Temperature	2700-6500K
Luminous flux	2100Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Mounting Height	4-6m
Product Size	765*280*56mm
Net Weight	9.5kg

# INTEGRATED SOLAR LED STREET LIGHT

## LRC08W LRC12W



### ► Technical Specification

Name	Specification	
Model No.	LRC12W	LRC08W
Solar Panel	18V/18W	18V/15W
Battery Type	LiFePO4 Battery	LiFePO4 Battery
Light Source	12W Everlight LED	8W Everlight LED
Color Temperature	2700-6500K	2700-6500K
Luminous flux	1440Lm(TYP)	960Lm(TYP)
Working Hours	12~14 hours, 3~5 rainy days	12~14 hours, 3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Mounting Height	3~4m	3~4m
Product Size	515*280*56mm	515*280*56mm
Net Weight	5kg	4.5kg

INTEGRATED  
SOLAR LED STREET LIGHT  
**LRC05W**



► **Technical Specification**

<i>Name</i>	<i>Specification</i>
Model No.	LRC05W
Solar Panel	16V/6W
Battery Type	High Efficiency LiFePO4 Battery
Light Source	5W Everlight LED
Color Temperature	2700-6500K
Luminous flux	600Lm(TYP)
Working Hours	12~14 hours,3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Mounting Height	2-3m
Product Size	250*200*42mm
Net Weight	1.7kg



INTEGRATED SOLAR  
ADVERTISING LIGHT BOX  
**LRC20W-001GB**

Patent No.: 201720092288. 9



► **Technical Specification**

Name		Specification
Model No.		LRC20W-001GB
Solar Panel		18V/80W
Battery Type		LiFePO4 Battery
Charge Time		6~8 hours
Lighting System	LED Power	20W
	Color Temperature	2400-6500K
	Luminous flux	2800Lm(TYP)
	Working Hours	12~14 hours,3~5 rainy days
	Mounting Height	4-6m
	Product Size	1158*405*56mm
	Net Weight	22kg
AD Box System	Power	20W
	Luminous flux	2800Lm(TYP)
	AD Box Size	900*600*120mm
	Screen Size	900*600mm
	Working Hours	4-6 hours
	Mounting Height	2.5-3m
Net Weight		7kg

# INTEGRATED SOLAR STREET LIGHT WITH CCTV CAMERA

## LRC20W-001GC1

Patent No.: 201630487328



### ► Technical Specification

Name	Specification	
Model No.	LRC20W-001GC	
Solar Panel	18V/80W	
Battery Type	LiFePO4 Battery	
Light Source	20W CREE LED	
Color Temperature	2700-6500K	
Luminous flux	2800Lm(TYP)	
Camera	Pixel	1.3MP
	Lens	8mm
	Memory Card	32G/64G/128G optional
	Interface	WIFI
Working Hours	12~14 hours, 3~5 rainy days	
Charge Time	6~8 hours	
IP Rating	IP65	
Mounting Height	4-6m	
Product Size	1158*405*56mm	
Net Weight	21.5kg	



INTEGRATED SOLAR STREET LIGHT  
WITH CCTV CAMERA

LRC30W-001GC1

Patent No.: 201630487328



► Technical Specification

Name		Specification
Model No.		LRC30W-001GC
Solar Panel		18V/90W
Battery Type		LiFePO4 Battery
Light Source		30W CREE LED
Color Temperature		2700-6500K
Luminous flux		4200Lm(TYP)
Camera	Pixel	1.3MP
	Lens	8mm
	Memory Card	32G/64G/128G optional
	Interface	WIFI
Working Hours		12~14 hours,3~5 rainy days
Charge Time		6~8 hours
IP Rating		IP65
Mounting Height		5-7m
Product Size		1158*405*56mm
Net Weight		22kg



# **2 PART TWO**

INTEGRATED SOLAR  
BILLBOARD LIGHTS



- Globally patented design •
- Integrated design with simple installation •
- No electricity required •
- Telescopic structure for easy mobility •
- Uniform light •
- 6~8 hours longer advertising time •

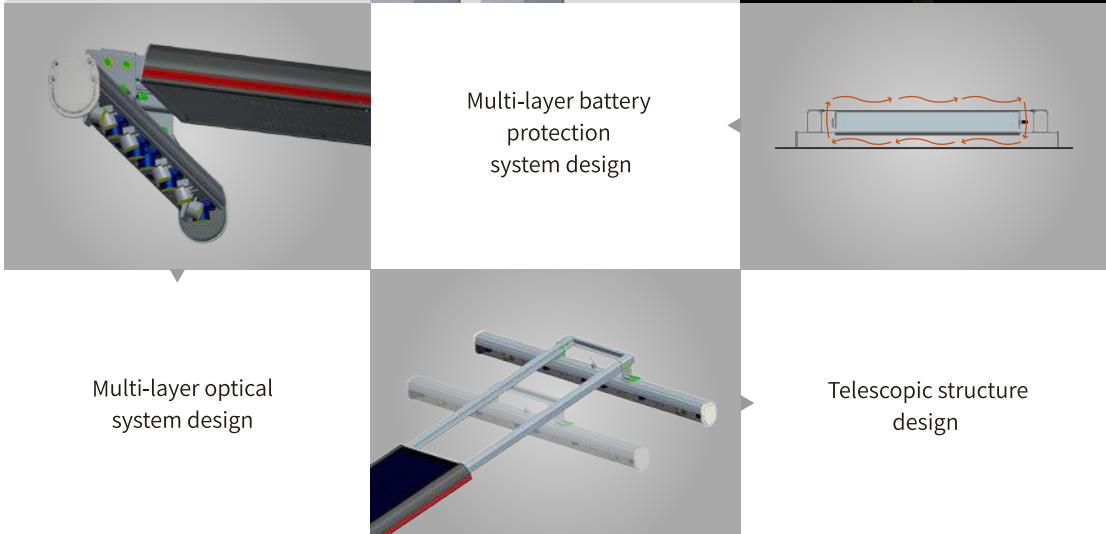
# INTEGRATED SOLAR LED BILLBOARD LIGHTS

Patent No.: 201710049474. 9

- LFA36W
- LFA24W
- LFA06W

## ► Technical Specification

Name	Specification		
Model No.	LFA36W	LFA24W	LFA06W
Solar Panel	18V/60W	18V/40W	18V/18W
Battery Type	LiFePO4 Battery	LiFePO4 Battery	LiFePO4 Battery
Light Source	36W CREE LED	24W CREE LED	6W CREE LED
Color Temperature	2700-6500K	2700-6500K	2700-6500K
Luminous flux	5040Lm(TYP)	3360Lm(TYP)	840Lm(TYP)
Working Hours	4~6 hours,3~5 rainy days	4~6 hours,3~5 rainy days	4~6 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours	6~8 hours
IP Rating	IP65	IP65	IP65
Product Size	1155*480*185mm	1155*355*185mm	650*355*75mm
Net Weight	35kg	28kg	8kg



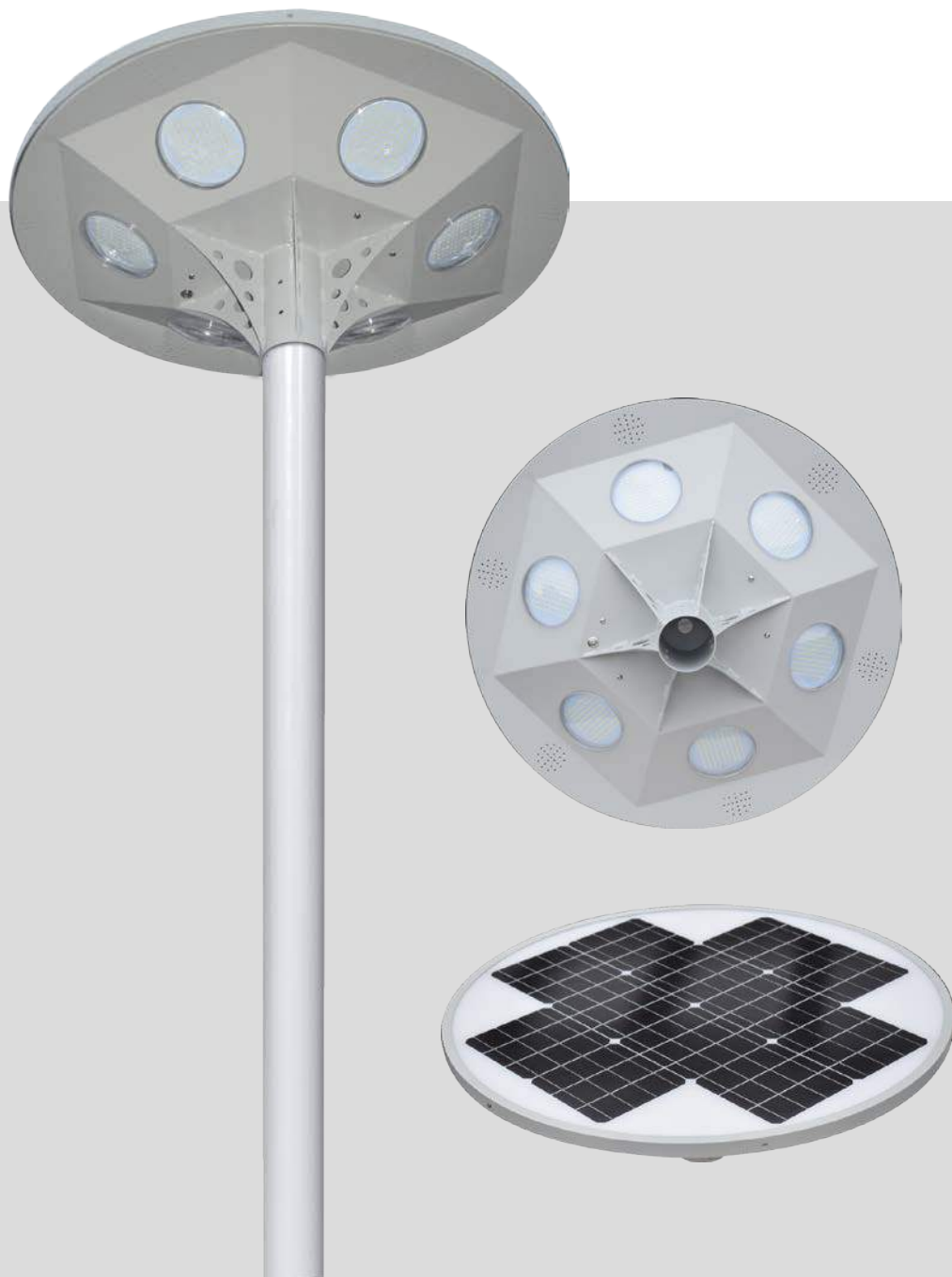
# **3** **PART THREE**

INTEGRATED SOLAR  
GARDEN LIGHTS



# INTEGRATED SOLAR GARDEN LIGHT **LGA30W**

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## ► Technical Specification

<i>Name</i>	<i>Specification</i>
Model No.	LGA30W
Solar Panel	18V/60W
Battery Type	LiFePO4 Battery
Light Source	30W Bridgelux+Everlight LED
Color Temperature	2700-6500K
Luminous flux	3600Lm(TYP)
Working Hours	12 hours,3~5 rainy days
Charge Time	6~8 hours
IP Rating	IP65
Work Temperature	-25°C~65°C
Product Size	769*769*267mm
Net Weight	16.4kg



# INTEGRATED SOLAR GARDEN LIGHT

**LGA15W**  
**LGA09W**



## ► Technical Specification

Name	Specification	
Model No.	LGA15W	LGA09W
Solar Panel	18V/25W	18V/15W
Battery Type	LiFePO4 Battery	LiFePO4 Battery
Light Source	15W Bridgelux+Everlight LED	9W Bridgelux+Everlight LED
Color Temperature	2700-6500K	2700-6500K
Luminous flux	1600Lm(TYP)	1080Lm(TYP)
Working Hours	12 hours,3~5 rainy days	12 hours,3~5 rainy days
Charge Time	6~8 hours	6~8 hours
IP Rating	IP65	IP65
Work Temperature	-25°C~65°C	-25°C~65°C
Product Size	510*510*230mm	405*405*157mm
Net Weight	11kg	5 kg



**SHENZHEN LEADRAY OPTOELECTRONIC CO.,LTD.**

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