

# JKC-FX-40W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Solar Panel

Type	: Imported High Efficiency Monocrystalline Silicon
Max Power	: 18V 65W
Lifetime	: 25 Years

### Battery

Type	: LiFePO4 Battery
Rating	: 12.8V 15AH
Lifetime	: 5 Years

### LED Lamp

Max Power	: 40W
LED Chip	: Bridgelux 3030
Chip Quantity	: 96 PCS
System Efficacy	: 170 lm/W
Total Lumen	: 6,800 lm
Lifetime	: 100,000 Hours
Light Distribution Type	: 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun	: 8 Hours
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### Discharge Time

Full Power	: > 15 hours
Half Power	: > 30 hours

### Working Temperature

Range	: -25°C ~ +65°C
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### Colour Temperature

Range	: 2700K - 6500K
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### Mounting Recommendation

Height	: 4 - 7M
Distance	: 13 - 23M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

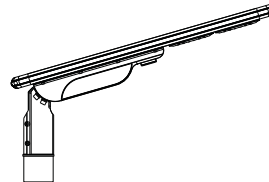
IP68 Waterproof Connector

### Packing & Weight

Product Size	: 848*385*108MM (Luminaire)
	: 560*310*125MM (Bracket Axle)
Packing Size	: 910*450*90MM (Luminaire)
	: 620*370*140MM (Bracket Axle)
Net Weight	: 6.6KG (Luminaire)
	: 5.4KG (Bracket Axle)
Gross Weight	: 9.1KG (Luminaire)
	: 6.1KG (Bracket Axle)

### Mounting Bracket Type

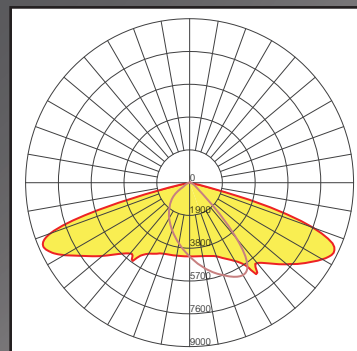
Vertical



Horizontal



### Light Distribution Curve



\*Optional for GPRS/Zigbee/L0RaWAN Smart System

\* Size and weight may have a tolerance of +-10%

# JKC-FX-50W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Mounting Recommendation

Height : 5 - 7M  
Distance : 21 - 24M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

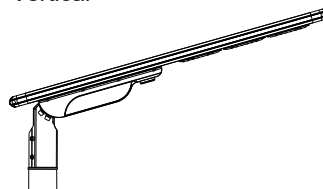
IP68 Waterproof Connector

### Packing & Weight

Product Size : 1077\*385\*108MM (Luminaire)  
: 560\*310\*125MM (Bracket Axle)  
Packing Size : 1140\*450\*90MM (Luminaire)  
: 620\*370\*140MM (Bracket Axle)  
Net Weight : 8.5KG (Luminaire)  
: 6.5KG (Bracket Axle)  
Gross Weight : 11KG (Luminaire)  
: 7.2KG (Bracket Axle)

### Mounting Bracket Type

Vertical



Horizontal



### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
Max Power : 18V 70W  
Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
Rating : 12.8V 30AH  
Lifetime : 5 Years

### LED Lamp

Max Power : 50W  
LED Chip : Bridgelux 3030  
Chip Quantity : 144 PCS  
System Efficacy : 170 lm/W  
Total Lumen : 8,500 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun : 8 Hours

### Discharge Time

Full Power : > 15 hours  
Half Power : > 30 hours

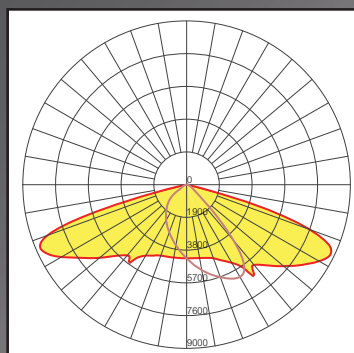
### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 2700K - 6500K

### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

\* Size and weight may have a tolerance of +-10%

# JKC-FX-60W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Mounting Recommendation

Height : 5 - 8M  
Distance : 17 - 27M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

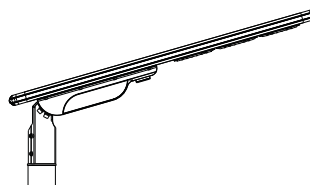
IP68 Waterproof Connector

### Packing & Weight

Product Size : 1077\*385\*108MM (Luminaire)  
: 560\*310\*125MM (Bracket Axle)  
Packing Size : 1140\*450\*90MM (Luminaire)  
: 620\*370\*140MM (Bracket Axle)  
Net Weight : 8.5KG (Luminaire)  
: 6.5KG (Bracket Axle)  
Gross Weight : 11KG (Luminaire)  
: 7.2KG (Bracket Axle)

### Mounting Bracket Type

Vertical



Horizontal



### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
Max Power : 18V 70W  
Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
Rating : 12.8V 30AH  
Lifetime : 5 Years

### LED Lamp

Max Power : 60W  
LED Chip : Bridgelux 3030  
Chip Quantity : 144 PCS  
System Efficacy : 170 lm/W  
Total Lumen : 10,200 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun : 8 Hours

### Discharge Time

Full Power : > 15 hours  
Half Power : > 30 hours

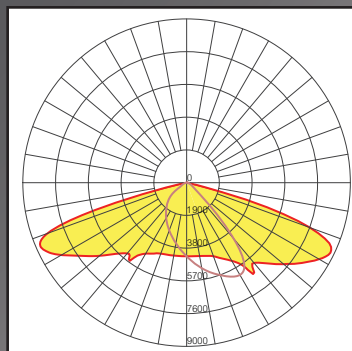
### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 2700K - 6500K

### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

\* Size and weight may have a tolerance of +-10%

# JKC-FX-80W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
 Max Power : 18V 100W  
 Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
 Rating : 12.8V 45AH  
 Lifetime : 5 Years

### LED Lamp

Max Power : 80W  
 LED Chip : Bridgelux 3030  
 Chip Quantity : 192 PCS  
 System Efficacy : 170 lm/W  
 Total Lumen : 13,600 lm  
 Lifetime : 100,000 Hours  
 Light Distribution Type : 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun : 8 Hours

### Discharge Time

Full Power : > 15 hours  
 Half Power : > 30 hours

### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 2700K - 6500K

### Mounting Recommendation

Height : 6 - 9M  
 Distance : 20 - 30M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

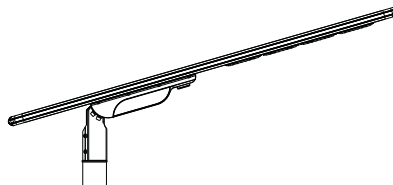
IP68 Waterproof Connector

### Packing & Weight

Product Size : 1548\*385\*108MM (Luminaire)  
 : 560\*310\*125MM (Bracket Axle)  
 Packing Size : 1610\*450\*90MM (Luminaire)  
 : 620\*370\*140MM (Bracket Axle)  
 Net Weight : 8.5KG (Luminaire)  
 : 11.5KG (Bracket Axle)  
 Gross Weight : 11KG (Luminaire)  
 : 12.2KG (Bracket Axle)

### Mounting Bracket Type

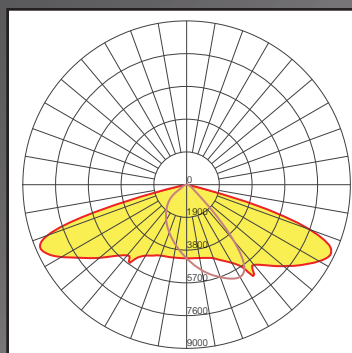
Vertical



Horizontal



### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

\* Size and weight may have a tolerance of +-10%

# JKC-FX-100W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Mounting Recommendation

Height : 7 - 10M  
Distance : 23 - 34M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

IP68 Waterproof Connector

### Packing & Weight

Product Size : 1863\*385\*108MM (Luminaire)  
: 560\*310\*125MM (Bracket Axle)  
Packing Size : 1930\*450\*90MM (Luminaire)  
: 620\*370\*140MM (Bracket Axle)  
Net Weight : 9.8KG (Luminaire)  
: 12.5KG (Bracket Axle)  
Gross Weight : 12.3KG (Luminaire)  
: 13.2KG (Bracket Axle)

### Mounting Bracket Type

Vertical



Horizontal



### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
Max Power : 18V 120W  
Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
Rating : 12.8V 45AH  
Lifetime : 5 Years

### LED Lamp

Max Power : 100W  
LED Chip : Bridgelux 3030  
Chip Quantity : 192 PCS  
System Efficacy : 170 lm/W  
Total Lumen : 17,000 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun : 8 Hours

### Discharge Time

Full Power : > 15 hours  
Half Power : > 30 hours

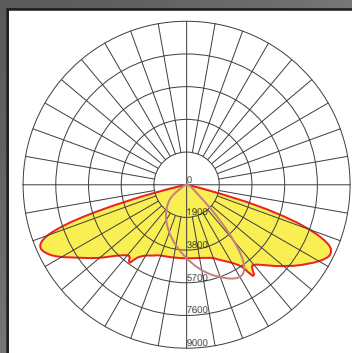
### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 2700K - 6500K

### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

\* Size and weight may have a tolerance of +-10%

# JKC-FX-120W Integrated Solar LED Street Light

(Type A: 3 days autonomy / Type B: 2 days autonomy)



### Solar Panel

Type : Imported High Efficiency Monocrystalline Silicon  
 Max Power : 18V 120W  
 Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
 Rating : 12.8V 60AH  
 Lifetime : 5 Years

### LED Lamp

Max Power : 120W  
 LED Chip : Bridgelux 3030  
 Chip Quantity : 288 PCS  
 System Efficacy : 170 lm/W  
 Total Lumen : 20,400 lm  
 Lifetime : 100,000 Hours  
 Light Distribution Type : 140° x 70°

### Ingress Protection

IP65 Optical Compartment

### Charge Time

By Sun : 8 Hours

### Discharge Time

Full Power : > 15 hours  
 Half Power : > 30 hours

### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 2700K - 6500K

### Mounting Recommendation

Height : 9 - 10M  
 Distance : 31 - 34M

### Casing Material

Aluminium Alloy

### Motion Sensor Setting

Night Sensor + Microwave Motion Sensor

### Wire Connector

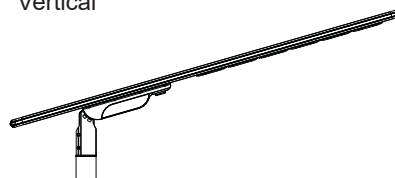
IP68 Waterproof Connector

### Packing & Weight

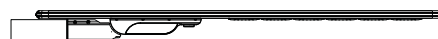
Product Size : 1863\*385\*108MM (Luminaire)  
 : 560\*310\*125MM (Bracket Axle)  
 Packing Size : 1930\*450\*90MM (Luminaire)  
 : 620\*370\*140MM (Bracket Axle)  
 Net Weight : 9.8KG (Luminaire)  
 : 13.1KG (Bracket Axle)  
 Gross Weight : 12.3KG (Luminaire)  
 : 13.8KG (Bracket Axle)

### Mounting Bracket Type

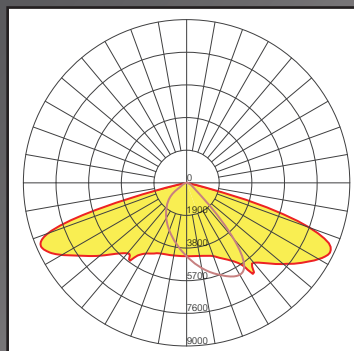
Vertical



Horizontal



### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

\* Size and weight may have a tolerance of +/-10%