

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

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



## Mounting Recommendation

Height : 6 - 8M  
Distance : 20 - 30M

## Casing Material

Aluminium Alloy

## Dimming System

4H 100% + 2H 60% + 6H 40%

## Wire Connector

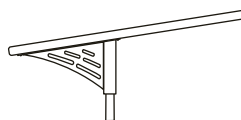
IP68 Waterproof Connector

## Packing & Weight

Product Size : 1750\*385\*60MM (Luminaire)  
(Type A & Type B) : 580\*125\*320MM (Bracket)  
Packing Size : 1830\*465\*160MM (Luminaire)  
(Type A & Type B) : 600\*150\*340MM (Bracket)  
Net Weight  
Luminaire : 26KG (Type A) / 21.2KG (Type B)  
Bracket : 4KG (Type A) / 3.2KG (Type B)  
Gross Weight  
Luminaire : 28.5KG (Type A) / 23.7KG (Type B)  
Bracket : 4.7KG (Type A) / 3.9KG (Type B)

## Mounting Bracket Type

Bracket (Post Top Type)



## Solar Panel

Type : Imported High Efficiency  
Monocrystalline Silicon  
Max Power : 36V 135W (Type A & Type B)  
Lifetime : 25 Years

## Battery

Type : LiFePO4 Battery  
Rating : 25.6V 60AH (Type A)  
25.6V 30AH (Type B)  
Lifetime : 5 Years

## LED Lamp

Max Power : 60W  
LED Chip : Lumileds 5050  
Chip Quantity : 28 PCS  
System Efficacy : 130 - 190 lm/W  
Total Lumen : Typical 10,505 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : Type II (150° x 60°)

## Ingress Protection

IP66 Optical Compartment

## Charge Time

By Sun : 4.5 Hours

## Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
2 Cloud / Rainy Days / 24 hours (Type B)

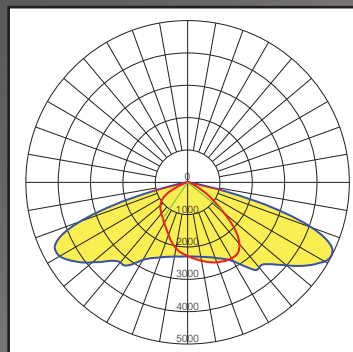
## Working Temperature

Range : -25°C ~ +65°C

## Colour Temperature

Range : 3000K - 6500K

## Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

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

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



## Mounting Recommendation

Height : 7 - 8M  
Distance : 23 - 30M

## Casing Material

Aluminium Alloy

## Dimming System

4H 100% + 2H 60% + 6H 40%

## Wire Connector

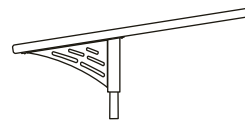
IP68 Waterproof Connector

## Packing & Weight

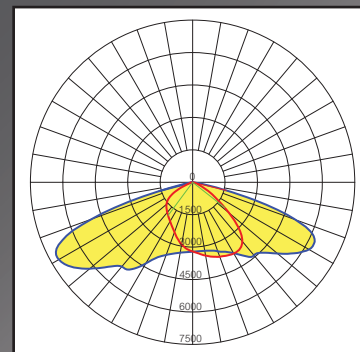
Product Size : 1750\*385\*60MM (Luminaire)  
(Type A & Type B) : 580\*125\*320MM (Bracket)  
Packing Size : 1830\*465\*160MM (Luminaire)  
(Type A & Type B) : 600\*150\*340MM (Bracket)  
Net Weight  
Luminaire : 33KG (Type A) / 38KG (Type B)  
Bracket : 4.5KG (Type A) / 3.2KG (Type B)  
Gross Weight  
Luminaire : 35.5KG (Type A) / 40.5KG (Type B)  
Bracket : 5.2KG (Type A) / 3.9KG (Type B)

## Mounting Bracket Type

Bracket (Post Top Type)



## Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

## Solar Panel

Type : Imported High Efficiency  
Monocrystalline Silicon  
Max Power : 36V 135W (Type A & Type B)  
Lifetime : 25 Years

## Battery

Type : LiFePO4 Battery  
Rating : 25.6V 90AH (Type A)  
: 25.6V 60AH (Type B)  
Lifetime : 5 Years

## LED Lamp

Max Power : 80W  
LED Chip : Lumileds 5050  
Chip Quantity : 48 PCS (Type A)  
: 56 PCS (Type B)  
System Efficacy : 130 - 190 lm/W  
Total Lumen : Typical 14,850 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : Type II (150° x 60°)

## Ingress Protection

IP66 Optical Compartment

## Charge Time

By Sun : 4.5 Hours

## Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
2 Cloud / Rainy Days / 24 hours (Type B)

## Working Temperature

Range : -25°C ~ +65°C

## Colour Temperature

Range : 3000K - 6500K

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

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



## Mounting Recommendation

Height : 8 - 10M  
Distance : 23 - 30M

## Casing Material

Aluminium Alloy

## Dimming System

4H 100% + 2H 60% + 6H 40%

## Wire Connector

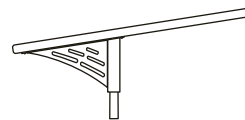
IP68 Waterproof Connector

## Packing & Weight

Product Size : 1730\*585\*60MM (Luminaire)  
(Type A & Type B) : 580\*125\*320MM (Bracket)  
Packing Size : 1810\*665\*160MM (Luminaire)  
(Type A & Type B) : 600\*150\*340MM (Bracket)  
Net Weight  
Luminaire : 38KG (Type A) / 34.7KG (Type B)  
Bracket : 4.5KG (Type A) / 4.2KG (Type B)  
Gross Weight  
Luminaire : 40.5KG (Type A) / 37.2KG (Type B)  
Bracket : 5.2KG (Type A) / 4.9KG (Type B)

## Mounting Bracket Type

Bracket (Post Top Type)



## Solar Panel

Type : Imported High Efficiency  
Monocrystalline Silicon  
Max Power : 36V 210W (Type A & Type B)  
Lifetime : 25 Years

## Battery

Type : LiFePO4 Battery  
Rating : 25.6V 120AH (Type A)  
25.6V 90AH (Type B)  
Lifetime : 5 Years

## LED Lamp

Max Power : 100W  
LED Chip : Lumileds 5050  
Chip Quantity : 48 PCS  
System Efficacy : 130 - 190 lm/W  
Total Lumen : Typical 14,735 lm  
Lifetime : 100,000 Hours  
Light Distribution Type : Type II (150° x 60°)

## Ingress Protection

IP66 Optical Compartment

## Charge Time

By Sun : 4.5 Hours

## Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
2 Cloud / Rainy Days / 24 hours (Type B)

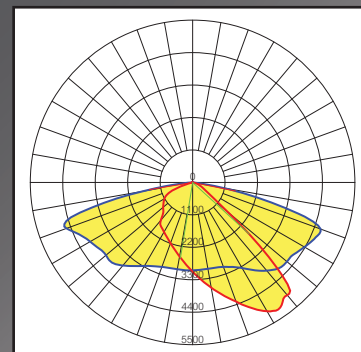
## Working Temperature

Range : -25°C ~ +65°C

## Colour Temperature

Range : 3000K - 6500K

## Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

# JKC-K-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 : 36V 210W (Type A & Type B)  
 Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
 Rating : 25.6V 150AH (Type A)  
 25.6V 90AH (Type B)  
 Lifetime : 5 Years

### LED Lamp

Max Power : 120W  
 LED Chip : Lumileds 5050  
 Chip Quantity : 48 PCS  
 System Efficacy : 130 - 190 lm/W  
 Total Lumen : Typical 16,968 lm  
 Lifetime : 100,000 Hours  
 Light Distribution Type : Type II (150° x 60°)

### Ingress Protection

IP66 Optical Compartment

### Charge Time

By Sun : 4.5 Hours

### Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
 2 Cloud / Rainy Days / 24 hours (Type B)

### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 3000K - 6500K

### Mounting Recommendation

Height : 8 - 12M  
 Distance : 23 - 30M

### Casing Material

Aluminium Alloy

### Dimming System

4H 100% + 2H 60% + 6H 40%

### Wire Connector

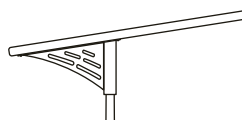
IP68 Waterproof Connector

### Packing & Weight

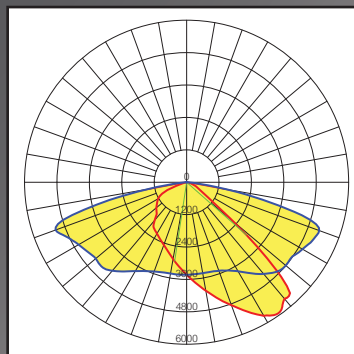
Product Size : 1730\*585\*60MM (Luminaire)  
 (Type A & Type B) : 800\*400\*300MM (Bracket)  
 Packing Size : 1810\*665\*160MM (Luminaire)  
 (Type A & Type B) : 850\*410\*310MM (Bracket)  
 Net Weight  
 Luminaire : 43KG (Type A) / 36.9KG (Type B)  
 Bracket : 5KG (Type A) / 4.2KG (Type B)  
 Gross Weight  
 Luminaire : 45.5KG (Type A) / 39.4KG (Type B)  
 Bracket : 5.7KG (Type A) / 4.9KG (Type B)

### Mounting Bracket Type

Bracket (Post Top Type)



### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

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

# JKC-K-150W 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	: 36V 310W (Type A) : 36V 260W (Type B)
Lifetime	: 25 Years

## Battery

Type	: LiFePO4 Battery
Rating	: 25.6V 180AH (Type A) : 25.6V 120AH (Type B)
Lifetime	: 5 Years

## LED Lamp

Max Power	: 150W
LED Chip	: Lumileds 5050
Chip Quantity	: 48 PCS
System Efficacy	: 130 - 190 lm/W
Total Lumen	: Typical 20,053 lm
Lifetime	: 100,000 Hours
Light Distribution Type	: Type II (150° x 60°)

## Ingress Protection

IP66 Optical Compartment

## Charge Time

By Sun : 4.5 Hours

## Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
2 Cloud / Rainy Days / 24 hours (Type B)

## Working Temperature

Range : -25°C ~ +65°C

## Colour Temperature

Range : 3000K - 6500K

## Mounting Recommendation

Height	: 9 - 12M
Distance	: 30 - 35M

## Casing Material

Aluminium Alloy

## Dimming System

4H 100% + 2H 60% + 6H 40%

## Wire Connector

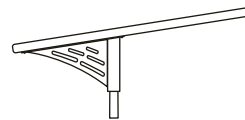
IP68 Waterproof Connector

## Packing & Weight

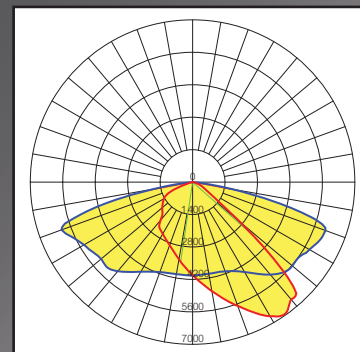
Product Size	: 1770*685*60MM (Luminaire)
(Type A & Type B)	: 800*400*300MM (Bracket)
Packing Size	: 1800*1050*160MM (Luminaire)
(Type A & Type B)	: 850*410*310MM (Bracket)
Net Weight	
Luminaire	: 42KG (Type A) / 42.5KG (Type B)
Bracket	: 4.5KG (Type A) / 5KG (Type B)
Gross Weight	
Luminaire	: 44.5KG (Type A) / 46.5KG (Type B)
Bracket	: 5.2KG (Type A) / 5.7KG (Type B)

## Mounting Bracket Type

Bracket (Post Top Type)



## Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System

# JKC-K-180W 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 : 36V 310W (Type A & Type B)  
 Lifetime : 25 Years

### Battery

Type : LiFePO4 Battery  
 Rating : 25.6V 210AH (Type A)  
 25.6V 150AH (Type B)  
 Lifetime : 5 Years

### LED Lamp

Max Power : 180W  
 LED Chip : Lumileds 5050  
 Chip Quantity : 96 PCS  
 System Efficacy : 130 - 190 lm/W  
 Total Lumen : Typical 20,053 lm  
 Lifetime : 100,000 Hours  
 Light Distribution Type : Type II (150° x 60°)

### Ingress Protection

IP66 Optical Compartment

### Charge Time

By Sun : 4.5 Hours

### Discharge Time

3 Cloud / Rainy Days / 36 hours (Type A)  
 2 Cloud / Rainy Days / 24 hours (Type B)

### Working Temperature

Range : -25°C ~ +65°C

### Colour Temperature

Range : 3000K - 6500K

### Mounting Recommendation

Height : 9 - 12M  
 Distance : 30 - 40M

### Casing Material

Aluminium Alloy

### Dimming System

4H 100% + 2H 60% + 6H 40%

### Wire Connector

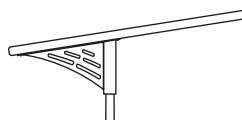
IP68 Waterproof Connector

### Packing & Weight

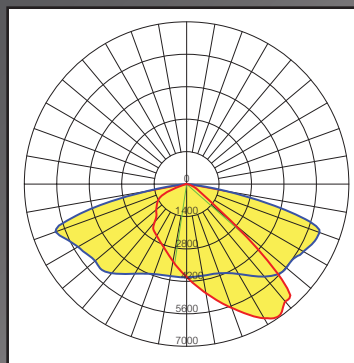
Product Size : 1720\*970\*60MM (Luminaire)  
 (Type A & Type B) : 800\*400\*300MM (Bracket)  
 Packing Size : 1800\*1050\*160MM (Luminaire)  
 (Type A & Type B) : 850\*410\*310MM (Bracket)  
 Net Weight  
 Luminaire : 70KG (Type A) / 65KG (Type B)  
 Bracket : 7KG (Type A) / 6KG (Type B)  
 Gross Weight  
 Luminaire : 72.5KG (Type A) / 67.5KG (Type B)  
 Bracket : 7.7KG (Type A) / 6.7KG (Type B)

### Mounting Bracket Type

Bracket (Post Top Type)



### Light Distribution Curve



\*Optional for GPRS/Zigbee/LoRaWAN Smart System