

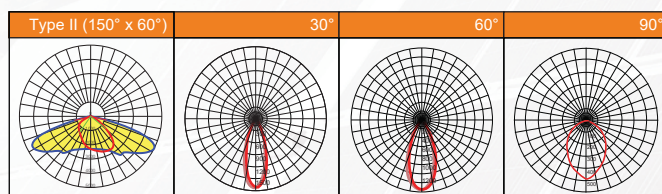
# JKC-AF-40W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 135W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                     |
|----------|---------------------|
| Type     | : LiFePO4 Battery   |
| Rating   | : 25.6V 45AH 1152WH |
| Lifetime | : 5 Years           |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 40W                                    |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 28 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 6,800 lm - 8,000 lm            |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 2 cloudy / rainy days / 24 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 4 - 6M  
Distance : 16 - 25M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

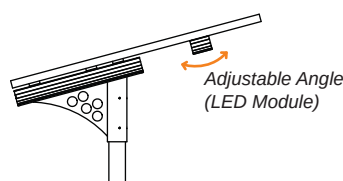
IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                            |
|--------------|------------------------------------------------------------|
| Product Size | : 1800*410*125MM (Luminaire)<br>: 640*167*247MM (Bracket)  |
| Packing Size | : 1880*490*225MM (Luminaire)<br>: 1040*277*342MM (Bracket) |
| Net Weight   |                                                            |
| Luminaire    | : 37.2KG                                                   |
| Bracket      | : 3.4KG                                                    |
| Gross Weight |                                                            |
| Luminaire    | : 39.7KG                                                   |
| Bracket      | : 4.1KG                                                    |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)



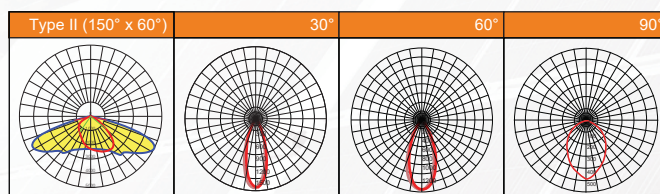
# JKC-AF-60W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy / 3 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 210W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                                           |
|----------|-------------------------------------------|
| Type     | : LiFePO4 Battery                         |
| Rating   | : 25.6V 60AH 1536WH (2 days)              |
| Lifetime | : 25.6V 90AH 2304WH (3 days)<br>: 5 Years |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 60W                                    |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 28 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 10,200 lm - 12,000 lm          |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 2 cloudy / rainy days / 24 hours
- 3 cloudy / rainy days / 36 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 7 - 8M  
Distance : 23 - 34M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

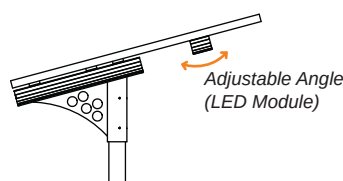
IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Product Size | : 1930*600*125MM (Luminaire)<br>: 640*167*247MM (Bracket) |
| Packing Size | : 2010*680*225MM (Luminaire)<br>: 660*277*342MM (Bracket) |
| Net Weight   |                                                           |
| Luminaire    | : 56.5KG (2 days) / 61.3KG (3 days)                       |
| Bracket      | : 3.4KG                                                   |
| Gross Weight |                                                           |
| Luminaire    | : 63.8KG (2 days) / 73.4KG (3 days)                       |
| Bracket      | : 4.7KG                                                   |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)



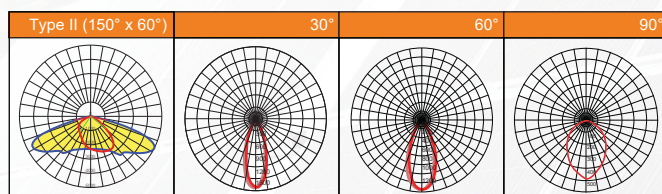
# JKC-AF-80W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy / 3 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 210W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                                            |
|----------|--------------------------------------------|
| Type     | : LiFePO4 Battery                          |
| Rating   | : 25.6V 90AH 2304WH (2 days)               |
| Lifetime | : 25.6V 150AH 3840WH (3 days)<br>: 5 Years |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 80W                                    |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 48 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 13,600 lm - 16,000 lm          |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 2 cloudy / rainy days / 24 hours
- 3 cloudy / rainy days / 36 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 8 - 10M  
Distance : 23 - 34M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

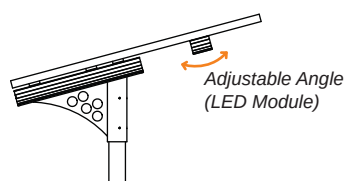
IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                           |
|--------------|-----------------------------------------------------------|
| Product Size | : 1930*600*125MM (Luminaire)<br>: 640*167*247MM (Bracket) |
| Packing Size | : 2010*680*225MM (Luminaire)<br>: 660*277*342MM (Bracket) |
| Net Weight   |                                                           |
| Luminaire    | : 61.3KG (2 days) / 70.9KG (3 days)                       |
| Bracket      | : 4.0KG                                                   |
| Gross Weight |                                                           |
| Luminaire    | : 63.8KG (2 days) / 73.4KG (3 days)                       |
| Bracket      | : 4.7KG                                                   |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)



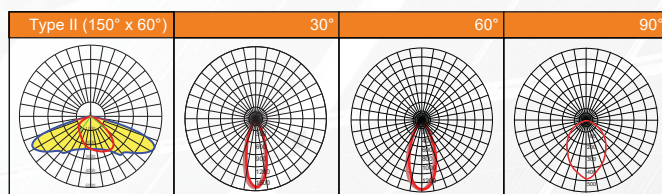
# JKC-AF-100W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy / 3 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 320W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                                            |
|----------|--------------------------------------------|
| Type     | : LiFePO4 Battery                          |
| Rating   | : 25.6V 120AH 3072WH (2 days)              |
| Lifetime | : 25.6V 180AH 4608WH (3 days)<br>: 5 Years |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 100W                                   |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 48 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 17,000 lm - 20,000 lm          |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 2 cloudy / rainy days / 24 hours
- 3 cloudy / rainy days / 36 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 9 - 12M  
Distance : 23 - 34M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

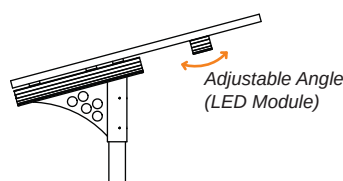
IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                            |
|--------------|------------------------------------------------------------|
| Product Size | : 1755*970*125MM (Luminaire)<br>: 640*167*247MM (Bracket)  |
| Packing Size | : 1835*1050*225MM (Luminaire)<br>: 660*277*342MM (Bracket) |
| Net Weight   |                                                            |
| Luminaire    | : 88.1KG (2 days) / 97.1KG (3 days)                        |
| Bracket      | : 4.17KG                                                   |
| Gross Weight |                                                            |
| Luminaire    | : 90.6KG (2 days) / 100.2KG (3 days)                       |
| Bracket      | : 4.87KG                                                   |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)



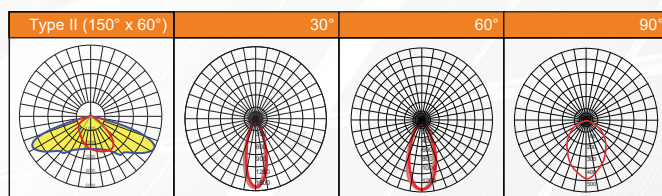
# JKC-AF-120W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy / 3 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 320W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                                            |
|----------|--------------------------------------------|
| Type     | : LiFePO4 Battery                          |
| Rating   | : 25.6V 150AH 3840WH (2 days)              |
| Lifetime | : 25.6V 210AH 5376WH (3 days)<br>: 5 Years |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 120W                                   |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 48 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 20,400 lm - 24,000 lm          |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 2 cloudy / rainy days / 24 hours
- 3 cloudy / rainy days / 36 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 9 - 12M  
Distance : 30 - 38M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

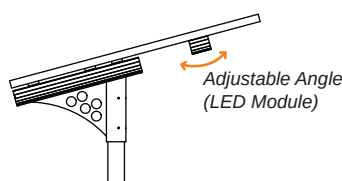
IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                            |
|--------------|------------------------------------------------------------|
| Product Size | : 1755*970*125MM (Luminaire)<br>: 640*167*247MM (Bracket)  |
| Packing Size | : 1835*1330*225MM (Luminaire)<br>: 660*277*342MM (Bracket) |
| Net Weight   |                                                            |
| Luminaire    | : 83.3KG (2 days) / 102.5KG (3 days)                       |
| Bracket      | : 6.0KG                                                    |
| Gross Weight |                                                            |
| Luminaire    | : 85.81KG (2 days) / 105KG (3 days)                        |
| Bracket      | : 6.7KG                                                    |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)



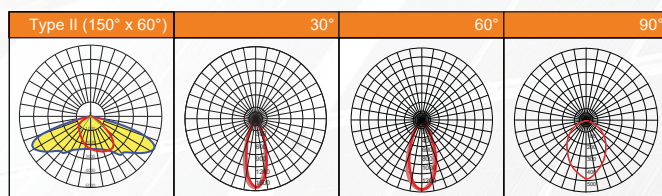
# JKC-AF-150W

## Integrated Solar LED Floodlight/ Street Light

2 days autonomy / 3 days autonomy



### LIGHT DISTRIBUTION CURVE



### SOLAR PANEL

|           |                                                    |
|-----------|----------------------------------------------------|
| Type      | : Imported High Efficiency Monocrystalline Silicon |
| Max Power | : 36V 400W                                         |
| Lifetime  | : 25 Years                                         |

### BATTERY

|          |                                            |
|----------|--------------------------------------------|
| Type     | : LiFePO4 Battery                          |
| Rating   | : 25.6V 180AH 4608WH (2 days)              |
| Lifetime | : 25.6V 270AH 6912WH (3 days)<br>: 5 Years |

### LED LAMP

|                         |                                          |
|-------------------------|------------------------------------------|
| Max Power               | : 150W                                   |
| LED Chip                | : Lumileds 5050                          |
| Chip Quantity           | : 48 PCS                                 |
| System Efficacy         | : Typical 170 lm/W - 200 lm/W            |
| Total Lumen             | : Typical 25,500 lm - 30,000 lm          |
| Lifetime                | : 50,000 hours                           |
| Light Distribution Type | : Type II (150° x 60°) / 30° / 60° / 90° |

### INGRESS PROTECTION

IP66 Optical Compartment

### CHARGE TIME

By Sun : 4.5 hours

### DISCHARGE TIME

- 3 cloudy / rainy days / 72 hours
- 2 cloudy / rainy days / 48 hours

### WORKING TEMPERATURE

-25°C ~ +65°C

### COLOUR TEMPERATURE

3000K - 6500K

### MOUNTING RECOMMENDATION

Height : 9 - 12M  
Distance : 35 - 40M

### CASING MATERIAL

Aluminium Alloy

### DIMMING SYSTEM

12H 100%

### WIRE CONNECTOR

IP68 Waterproof Connector

### PACKING & WEIGHT

|              |                                                            |
|--------------|------------------------------------------------------------|
| Product Size | : 1755*970*125MM (Luminaire)<br>: 640*167*247MM (Bracket)  |
| Packing Size | : 1835*1050*225MM (Luminaire)<br>: 660*277*342MM (Bracket) |
| Net Weight   |                                                            |
| Luminaire    | : 113.9KG (2 days) / 112.1KG (3 days)                      |
| Bracket      | : 6.0KG                                                    |
| Gross Weight |                                                            |
| Luminaire    | : 114.61KG                                                 |
| Bracket      | : 6.7KG                                                    |

### MOUNTING BRACKET TYPE

Bracket (Post Top Type)

