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**Outdoor
Solar lightings**

**LED lighting
Luminaires**

**Birante
Smart home**

**20
23**

lighting
catalogue





ABOUT BIRANTE
Professional
Lighting manufacturer

Integrating sphere



Low temperature test



System aging



Solar panel tester



Precise slotting



Production line 1



Die-casting technique



Production line 2



Assemble



Shipment

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OUTDOOR SOLAR LIGHTINGS			
			
			
			
			
			
			
			

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Content



01
OUTDOOR
SOLAR
LIGHTINGS



Solar Power, Portable Wall Lights

- * Rechargeable Battery
- * Sensing angle 120°
- * Sensing distance 8 meters
- * IP65
- * 3 Working modes



Portable Solar wall light w/PIR



Solar Panel: Polycrystalline silicon 5V/1.5W
 Battery: 18650, 3.7V/2600mAh
 LED: SMD2835 28PCS
 Lumen: 1000LM
 CCT: 3000K/4000K/6000K
 Material: PC+ABS+steel bracket
 Waterproof grade: IP65
 Dimension: 193.6*190.8*42.2mm

- Working Modes:
1. Light up 100% when people come, turn off the lights after walking for 20 seconds
 2. Light up 100% when people come, turn low power to 20% after 20 seconds
 3. Small night light mode always 20% power, no human sensing

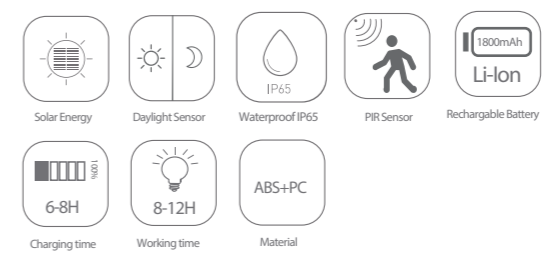


Solar mini wall Light w/PIR



Solar Panel: Polycrystalline silicon 5V/1.5W
 Battery: 18650, 3.7V/1800mAh
 LED: SMD2835 14PCS
 Lumen: 500LM
 CCT: 3000K/4000K/6000K
 Material: PC+ABS
 Waterproof grade: IP65
 Dimension: 130*120*54mm

- Working Modes:
1. Light up 100% when people come, turn off the lights after walking for 20 seconds
 2. Light up 100% when people come, turn low power to 20% after 20 seconds
 3. Small night light mode always 20% power, no human sensing

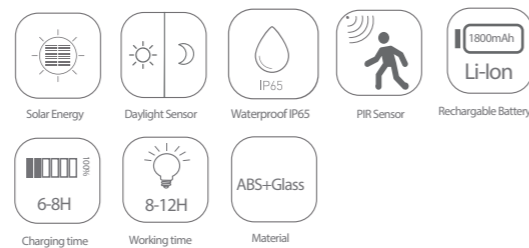




Solar mini flood light w/PIR

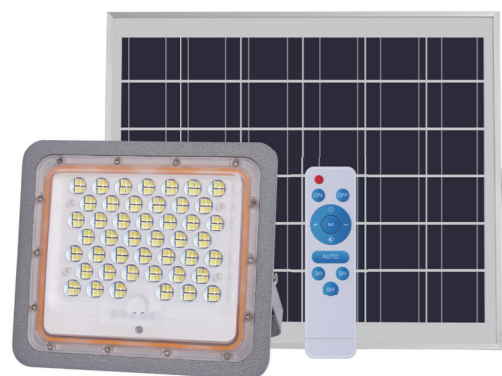
Solar Panel: Polycrystalline silicon 5V/1W
 Battery: 18650, 3.7V/1800mAh/2600mAh/3000mAh
 LED: SMD2835 8PCS/14pcs
 Lumen: 200/850/1500LM
 CCT: 3000K/4000K/6000K
 Material: ABS + Glass
 Waterproof grade: IP65
 Dimension: Light: 11.5*7.4*3cm
 Solar panel: 12.7*6.2*0.5cm

Working Modes:
 PIR detection light on (30's on), no detective light off.



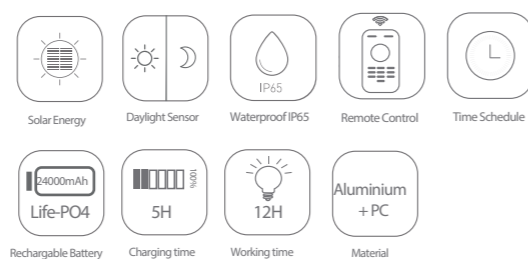
Solar Aluminium LED Flood Light

— 100W/200W/300W/400W



Solar Panel: Monocrystalline silicon 6V/15W/20W/25W/35W
 Battery: 26700 LifePo4 3.2V-12000mAh/16000mAh/20000mAh/32000mAh
 Lumen: 1100LM/1600LM/2300LM/3200LM
 Material: Die-casting Aluminium case +PC cover
 CCT: 3000K, 4000K, 6000K
 Waterproof: IP65
 Dimension: 195*171*55mm/ 195*171*55mm/ 240*190*55mm/ 298*240*55mm

Working Modes:
 1. Power on / off
 2. Full brightness/Half brightness
 3. Dimming +/-
 4. Timming 3H/5H/8H



Solar Radar Sensor FLED lood Light

— 100W/200W/300W/400W



Solar Panel: Monocrystalline silicon 6V/10W/15W/20W/25W
 Battery: 26700 LifePo4 3.2V-12000mAh/18000mAh/24000mAh/30000mAh
 Lumen: 1000LM/1500LM/2000LM/2500LM
 Material: ABS+PC cover
 CCT: 3000K, 4000K, 6000K
 Waterproof: IP65
 Dimension: 230*183*53mm/260*206*53mm/291*231*53mm/335*265*53mm

Working Modes:
 1. Power on / off
 2. Full brightness/Half brightness
 3. Dimming +/-
 4. Timming 3H/5H/8H
 5. Radar Timing



Solar Aluminium LED Flood Light series

— 100W/200W/300W/400W



Solar Panel: Monocrystalline silicon 6V/15W/20W/25W/35W
 Battery: 26700 LifePo4 3.2V-12000mAh/18000mAh/24000mAh/32000mAh
 Lumen: 1000LM/1400LM/2000LM/2500LM
 Material: Die-casting Aluminium case +PC cover
 CCT: 3000K, 4000K, 6000K
 Waterproof: IP65
 Dimension: 210*210*38mm/ 238*238*43mm/ 274*261*44mm/ 330*310*45mm

Working Modes:
 1. Power on / off
 2. Full brightness/Half brightness
 3. Dimming +/-
 4. Timming 3H/5H/8H



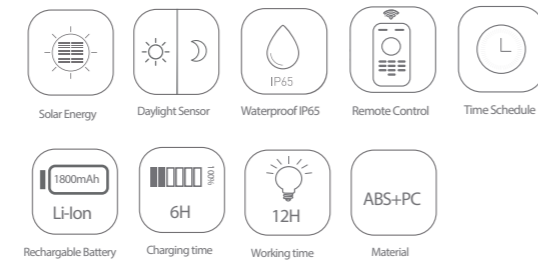
Owl Solar Spotlight

Two-way installation

Power : 2W
 Solar Panel: Polycrystalline 1.5-1.8W
 Battery: 18650 3.7V 1800mAh
 Lumen: 200mLM
 Material: ABS+PC
 CCT: 3000K, 4000K, 6000K
 Waterproof: IP65
 Dimension: 290X188X94mm

Working Modes:

- 1 Power on / off
- 2 . Color temperature selection(3000K , 4000K , 6000K)
- 3 . Brightness setting(30% , 60% , 100%)
- 4 . Timer (4H , 6H , 8H)



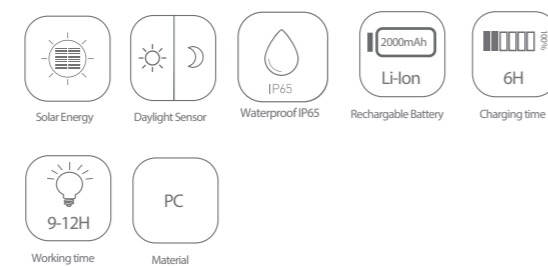
Solar Garden light Bicolor temperature Square

CCT version

Solar Panel: Monocrystalline silicon
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 58PCS
 Lumen: 90LM
 CCT: RGB/CW+WW
 Material: PC
 Waterproof grade: IP65
 Dimension: D154*31*H90 mm

Working Modes:

1. Press the switch once turn on the light at 100%
2. Press the switch twice turn on the light at 50%
3. Press the switch third to CCT

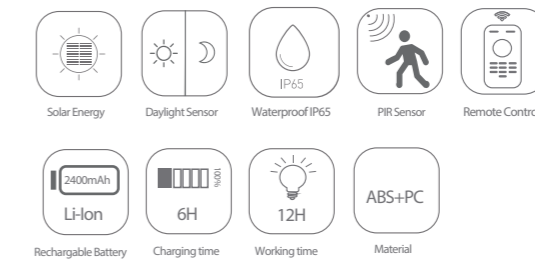


PIR Solar spot light

Power: 8W/16W
 Solar Panel: Polycrystalline 1.5W/5.5V/280mA
 Battery: 18650 3.7V 2400mAh/3600mAh
 Lumen: 850lm/1500lm
 Material: ABS+PC
 Waterproof Grade: IP65
 Dimension: 140X140X H420mm

Working Modes:

- Mode1: 100% Power when PIR
 - Mode2: start from 10% power, 100% power when PIR, no PIR remain in 10%
 - Mode 3: 10% power all the time
- SOS: Flash when PIR



Solar Garden light Bicolor temperature Round

CCT version

Solar Panel: Monocrystalline silicon
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 58PCS
 Lumen: 90LM
 CCT: RGB/CW+WW
 Material: PC
 Waterproof grade: IP65
 Dimension: D154*31*H90 mm

Working Modes:

1. Press the switch once turn on the light at 100%
2. Press the switch twice turn on the light at 50%
3. Press the switch third to CCT



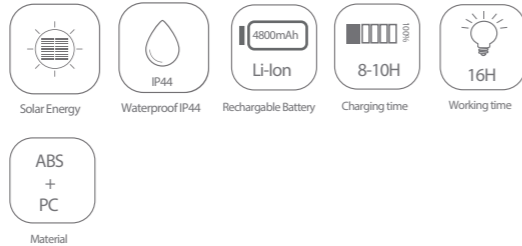


Plastic Solar Hanging LED Lantern Lamp

— Cordless and USB rechargeable

Solar Panel: Monocrystalline silicon 5V/3W
 Battery: 18650, 3.7V/4800mAh
 LED: 18 pcs SMD2835
 Lumen: 30-300LM
 CCT: 3000K
 Material: ABS body+PC Lampshade
 Waterproof grade: IP44
 Dimension: L135xW135x H182mm
 Accessory: 1 meter Type-C cable+USB
 Charging time: Type C: 8-10H; Solar: 20-24H
 Working time: Low: 48~50H; Middle: 15~16H; High: 5~6H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness at 30lm;
 *Middle brightness at 150lm;
 *High brightness at 350lm;



Plastic Solar Round LED Lantern Lamp

— Cordless and USB rechargeable

Solar Panel: Monocrystalline silicon 5V/3W
 Battery: 18650, 3.7V/4800mAh
 LED: 18 pcs SMD2835
 Lumen: 30-300LM
 CCT: 3000K
 Material: ABS body+PC Lampshade
 Waterproof grade: IP44
 Dimension: L135xW135x H182mm
 Accessory: 1 meter Type-C cable+USB
 Charging time: Type C: 8-10H; Solar: 20-24H
 Working time: Low: 48~50H; Middle: 15~16H; High: 5~6H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness at 30lm;
 *Middle brightness at 150lm;
 *High brightness at 350lm;

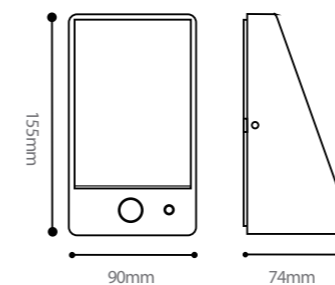
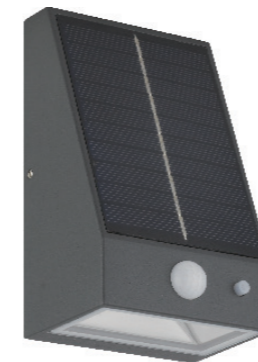
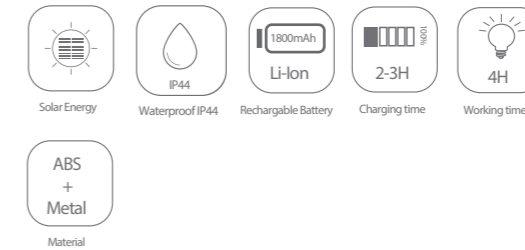


With 1M Micro USB/Type C

Solar RGBW LED Table Light

— Cordless and USB rechargeable

Solar Panel: Monocrystalline silicon 5V/0.7W
 Battery: 18650, 3.7V/1800mAh
 LED: 5pcs. SMD5050 + 15 pcs SMD2835 WW
 Lumen: 150LM
 CCT: RGBW
 Material: ABS body+metal pole+ base
 Waterproof grade: IP44
 Dimension: Dia 110x Height 310mm
 Accessory: 1 meter Type-C cable+USB
 Charging time: 2-3H with USB, 6H with solar energy



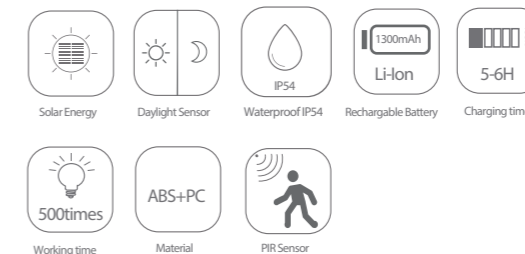
Solar PIR Sensor Aluminium LED Wall Light

— Glass diffuser

Solar Panel: Polysilicon silicon PET 5V/2W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 6pieces
 Lumen: 180LM
 CCT: 3000K/4000K/6000K
 Material: Aluminium+ABS+Glass
 Waterproof grade: IP54
 Dimension: 155*90*74mm
 Detection distance: 8Meters

Working Modes:

1. After dark, press and hold the switch for 3 seconds to start, and 10% power will remain on;
2. Press again, 40% power when PIR detected, after 25 seconds, it returns to 10% and remains on;
3. Press again, 100% power when PIR detected, after 25 seconds the light will automatically turn off;





Plastic Solar PIR Wall Light

Solar Panel: Monocrystalline silicon 3.7V/3W
 Battery: 18650, 3.7V/1800mAh
 LED: SMD2835 15PCS
 Lumen: 30-300LM
 CCT: 2900-3200K
 Material: ABS+PC cover
 Waterproof grade: IP44
 Dimension: 175x145x75mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

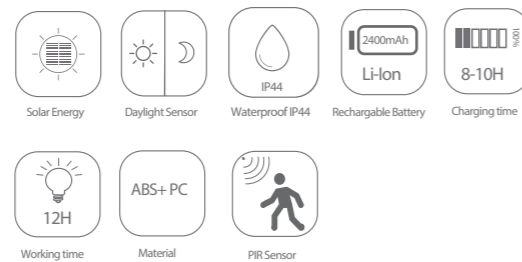
Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 30lm;
 *Middle brightness at 150lm when PIR detected,
 after 25S Light always at 30lm
 until new motion detection;
 *High brightness at 300lm when PIR detected ,
 after 25S Light always off until
 new motion detection;



Plastic Solar PIR Wall Light

Solar Panel: Monocrystalline silicon 3.7V/4W
 Battery: 18650, 3.7V/2400mAh
 LED: SMD2835 15PCS
 Lumen: 30-300LM
 CCT: 2900-3200K
 Material: ABS+PC cover
 Waterproof grade: IP44
 Dimension: 200x106x102mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 30lm;
 *Middle brightness at 150lm when PIR detected,
 after 25S Light always at 30lm
 until new motion detection;
 *High brightness at 300lm when PIR detected ,
 after 25S Light always off until
 new motion detection;



Solar LED Wall light

--- Beam angle adjustable

Solar Panel: Monocrystalline silicon 5V/0.9W*3pieces
 Battery: 18650, 3.7V/1300mAh
 LED: 2pieces COB
 Lumen: 70LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 96X96X154mm

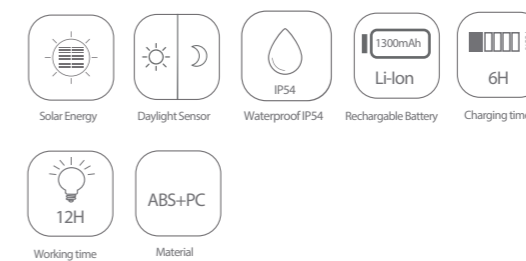


Solar Diamond LED Wall Light

--- CCT 6500K & 3000K Dual color

Solar Panel: Monocrystalline silicon 5V/1.2W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 2pieces
 Lumen: 50LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 134*128*45mm

Working Modes:
 1. Press the switch once turn on the light at 100%
 2. Press the switch twice turn on the light at 50%
 3. Press the switch third to CCT





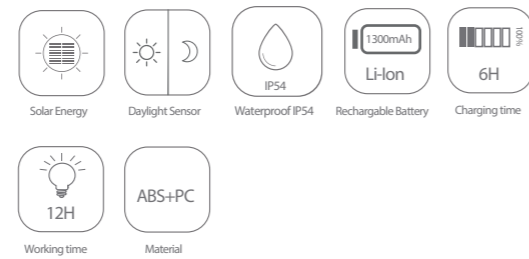
Solar Square LED Wall Light CCT

Solar Panel: Monocrystalline silicon 5V/2W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 6pieces
 Lumen: 70LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 131*131*70mm



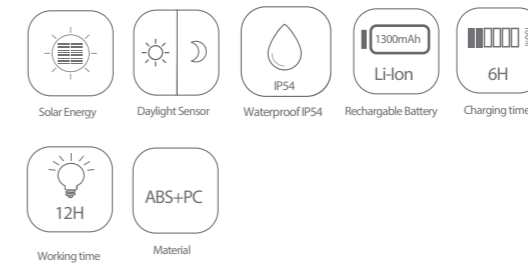
Working Modes:

1. Press the switch once turn on the light at 100%
2. Press the switch twice turn on the light at 50%
3. Press the switch third to CCT



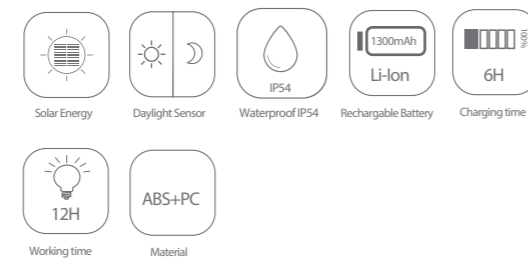
Solar Modern design Wall light

Solar Panel: Monocrystalline silicon 5V/1.8W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 4/6pieces
 Lumen: 70LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 114*46*173mm



Solar Aircraft LED Wall Light

Solar Panel: Monocrystalline silicon 5V/1.3W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 2pieces
 Lumen: 70LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 159*122*67mm



Solar Modern design Wall light

Solar Panel: Monocrystalline silicon 5V/0.5W
 Battery: 18650, 3.7V/1300mAh
 LED: SMD2835 18pieces
 Lumen: 60LM
 CCT: 3000K/4000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: 105*94*85 mm



CW+WW





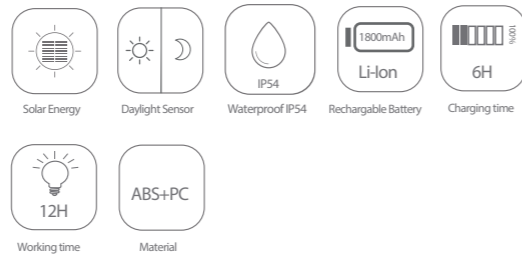
Solar Stone pattern LED Light CCT

Solar Panel: Monocrystalline silicon 5V/2W
 Battery: 18650, 3.7V/1800mAh
 LED: SMD2835 104pieces
 Lumen: 100LM
 CCT: 3000K& 6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: Dia150x Height210mm



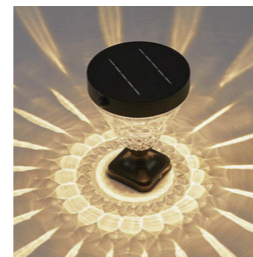
Working Modes:

1. Press the switch once turn on the light at 100%
2. Press the switch twice turn on the light at 50%
3. Press the switch third to CCT



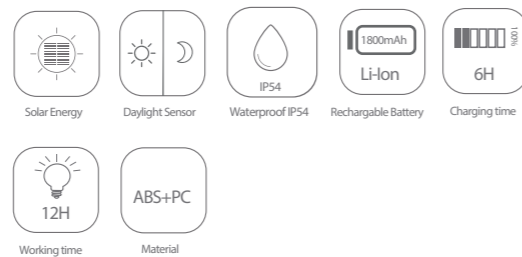
Solar Stone pattern Round shape LED Light CCT

Solar Panel: Monocrystalline silicon 5V/2W
 Battery: 18650, 3.7V/1800mAh
 LED: SMD2835 104pieces
 Lumen: 100LM
 CCT: 3000K/6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: Dia150x Height210mm



Working Modes:

1. Press the switch once turn on the light at 100%
2. Press the switch twice turn on the light at 50%
3. Press the switch third to CCT



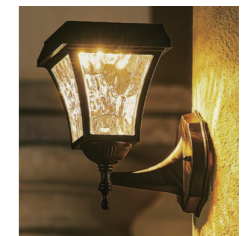
Solar Wall/Lawn/Garden light

Solar Panel: Monocrystalline silicon 5V/2W
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 104pieces
 Lumen: 140LM
 CCT: 3000K& 6000K
 Material: ABS + PC
 Waterproof grade: IP54
 Dimension: Dia130x Height 210mm



Solar Aluminum LED Garden Light

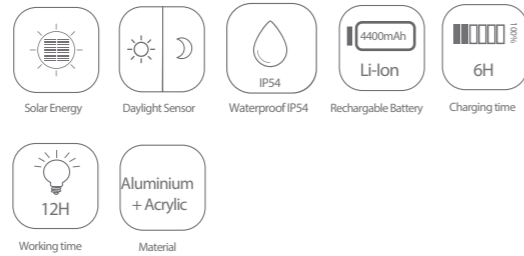
Solar Panel: Polycrystalline silicon 5V/2W
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 9pcs
 Lumen: 80LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ Acrylic lampshade
 Waterproof grade: IP54
 Dimension: Dia 150x height 240 mm





Solar Aluminum LED Garden Light

Solar Panel: Polycrystalline silicon 5V/5W
 Battery: 18650, 3.7V/4400mAh
 LED: SMD2835 20pcs
 Lumen: 360LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ Acrylic lampshade
 Waterproof grade: IP54
 Dimension: Dia 280 mm



Solar Aluminum LED Garden Light

Solar Panel: Monocrystalline silicon 5V/2W
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 26pcs
 Lumen: 180LM
 CCT: CW+WW
 Material: Die-casting aluminum+ PC
 Waterproof grade: IP54
 Dimension: Dia 175x height 250 mm



Solar Aluminum Garden Light

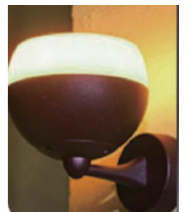
— Mushroom shape

Solar Panel: Monocrystalline silicon $\Phi 280 \times 3.2\text{mm}$ 5.5V/6.5W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835 20PCS
 Lumen: 230LM
 CCT: CW 6000-6500K) or WW 2900-3200K
 Material: Die cast aluminum+PC cover
 Waterproof grade: IP54
 Dimension: Dia 240mm



Solar Aluminum Garden Light

Solar Panel: Polysilicon 5 v / 2 w
 Battery: 18650, 3.7V/2000mAh
 LED: SMD2835 10pieces
 Lumen: 140LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC
 Waterproof grade: IP55
 Dimension: Dia 18 mm

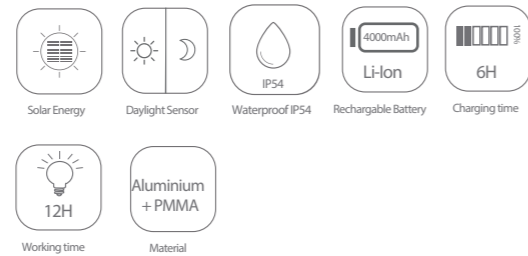




Solar Aluminum LED Garden Light

— Crystal Wall /Pillar Bollard

Solar Panel: Monocrystalline silicon 5V/3.7W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835
 Lumen: 360LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminm+ PMMA cover
 Waterproof grade: IP54
 Dimension: Dia 235 mm



Solar Aluminum LED Garden Light

— Wall /Pillar Bollard, CCT twin white

Solar Panel: Monocrystalline silicon 5V/3.7W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835
 Lumen: 230LM
 CCT: CW+WW
 Material: Die-casting aluminm+ PC
 Waterproof grade: IP54
 Dimension: Dia 235 mm



Solar Aluminum LED Garden Light

— Pillar Glow, twin white & R/G/B

Solar Panel: Monocrystalline silicon 5V/3.5W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835
 Lumen: 360LM
 CCT: 3000K & 6000K & R/G/B
 Material: Die-casting aluminm+ Acrylic
 Waterproof grade: IP54
 Dimension: Dia 205 mm



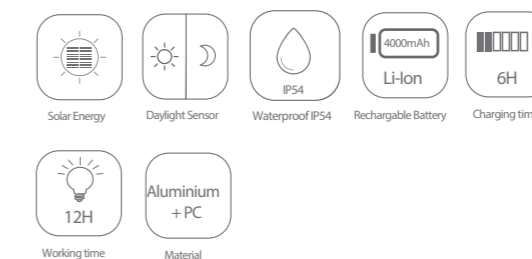
Solar UFO Aluminum LED Garden Light

— Wall /Pillar Bollard, CCT 3000K & 6000K

Solar Panel: Monocrystalline silicon 5V/3.7W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835 70pieces
 Lumen: 360LM
 CCT: 3000K&6000K
 Material: Die-casting aluminm+ PC
 Waterproof grade: IP54
 Dimension: Dia 235mm



Working Modes:
 1. Press the switch once turn on the light at 100%
 2. Press the switch twice turn on the light at 50%
 3. Press the switch third to CCT





Solar Aluminum LED Garden Light

— PIR Sensor; Spike or Fixed based; Matt Black Painting or Electrophoresis

Solar Panel: Monocrystalline silicon 6V/4.4W
 Battery: 18650, 3.7V/2200mAh
 LED: SMD2835 28pcs
 Lumen: 60-600LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC Diffuser
 Waterproof grade: IP44
 Dimension: Light 170x160mm; H185/500mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 60lm;
 *Middle brightness at 240lm when PIR detected,
 after 25S Light always at 60lm
 until new motion detection;
 *High brightness at 600lm when PIR detected ,
 after 25S Light always off until
 new motion detection;

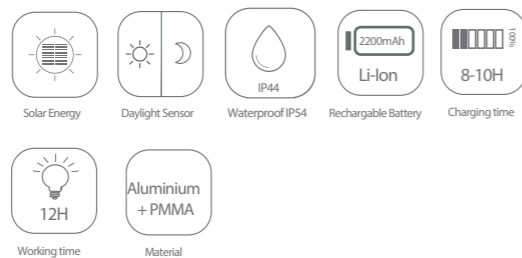


Solar Aluminum LED Garden Light/Square

— PIR Sensor; Spike or Fixed based; Matt Black Painting or Electrophoresis

Solar Panel: Monocrystalline silicon 6V/4.4W
 Battery: 18650, 3.7V/2200mAh
 LED: SMD2835 28pcs
 Lumen: 60-600LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC Diffuser
 Waterproof grade: IP44
 Dimension: Light 170x160mm; H185/500mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 60lm;
 *Middle brightness at 240lm when PIR detected,
 after 25S Light always at 60lm
 until new motion detection;
 *High brightness at 600lm when PIR detected ,
 after 25S Light always off until
 new motion detection;



Solar Aluminum LED Garden Light

— PIR Sensor

Solar Panel: Monocrystalline silicon 6V/4.4W
 Battery: 18650, 3.7V/2200mAh
 LED: SMD2835 28pcs
 Lumen: 60-600LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC Diffuser
 Waterproof grade: IP44
 Dimension: Light 180x180mm; H100/500mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 60lm;
 *Middle brightness at 240lm when PIR detected,
 after 25S Light always at 60lm
 until new motion detection;
 *High brightness at 600lm when PIR detected ,
 after 25S Light always off until
 new motion detection;

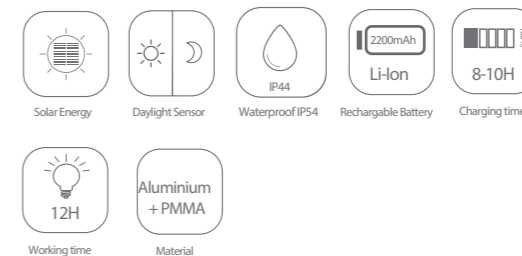


Solar Aluminum LED Garden Light/Square

— PIR Sensor

Solar Panel: Monocrystalline silicon 6V/4.4W
 Battery: 18650, 3.7V/2200mAh
 LED: SMD2835 28pcs
 Lumen: 60-600LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC Diffuser
 Waterproof grade: IP44
 Dimension: Light 170x160mm; H185/500mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 60lm;
 *Middle brightness at 240lm when PIR detected,
 after 25S Light always at 60lm
 until new motion detection;
 *High brightness at 600lm when PIR detected ,
 after 25S Light always off until
 new motion detection;





Solar Aluminium LED Lawn Light

-- Double side

Solar Panel: Monocrystalline silicon 5V/3W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835 12pcs*2
 Lumen: 200LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminm+ PC lampshade
 Waterproof grade: IP54
 Dimension: Height 650 mm



Solar Aluminium LED Lawn Light

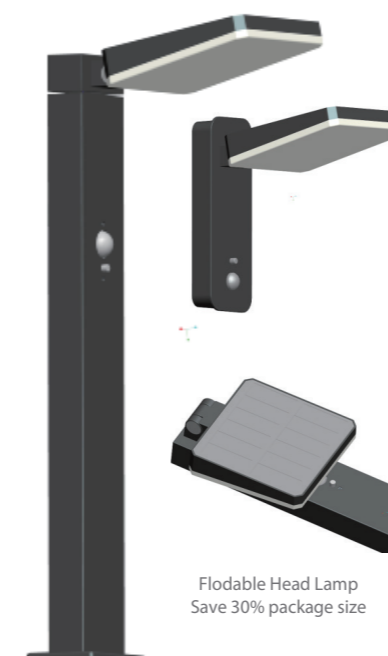
Solar Panel: Monocrystalline silicon 5V/3.5W
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835 30pcs
 Lumen: 240LM
 CCT: CW & WW
 Material: Die-casting aluminm+ Arylic
 Waterproof grade: IP65
 Dimension: L195*W125* H60/80/100 mm



Solar Aluminium Sensor LED Lawn Light

-- Triangle body+ PIR Sensor

Solar Panel: Monocrystalline 6V/3.3W*3 pcs
 Battery: 18650, 3.7V/4000mAh
 LED: SMD2835 18pcs
 Lumen: 500LM
 CCT: 3000K/4000K/6000K
 Sensor Angle: 120°
 Material: Die-casting aluminm+ PC
 Waterproof grade: IP65
 Dimension: Dia 84* H 650 mm



Solar Aluminium Sensor LED Lawn Light

-- Foadable

Solar Panel: Monocrystalline silicon 3.7V/4W
 Battery: 18650, 3.7V/2200mAh
 LED: SMD2835 72PCS
 Lumen: 60-600LM
 CCT: 2900-3200K
 Material: Aluminium+PC cover
 Waterproof grade: IP44
 Diamension: Light 195x135mm; H 190/500mm
 Charging time: 8-10H;
 Working time:
 Low: 15~18H; Middle: 8~10H; High: 1.5~1.8H

Switch Operation:
 Touch Switch to turn on the light;
 3 Mode can be used:
 *Low brightness always at 60lm;
 *Middle brightness at 240lm when PIR detected,
 after 25S Light always at 60lm
 until new motion detection;
 *High brightness at 600lm when PIR detected ,
 after 25S Light always off until
 new motion detection;

Flodable Head Lamp
 Save 30% package size



Solar Decorative Lighting Ball

Solar Panel: Polysilicon 5.5V/3W
 Battery: 18650 3.7V/ 6000mAh
 Lumen: 100LM*8
 Material: PMMA+PC
 CCT: RGB/CW+WW
 Waterproof: IP54
 Dome diameter:130MM

Solar Energy	Daylight Sensor	Waterproof IP54	Rechargeable Battery 6000mAh	Charging time 6H
Working time 12H	Material PMMA + PC			

10 E27 Solar Lamp Chain



Solar Panel: PET Polysilicon 5.5 v / 3w
 Battery: 18650, 3.7V/3600mAh
 LED: 10 E27 bulbs
 Lumen: 360LM
 CCT: 2700K
 Waterproof grade: IP65
 Dimension: Total 5meters

Working mode:
 ON/OFF
 1 Fast flashing,
 2 Slow flashing 3 Star flashing,
 4 Constant light on

Solar Energy	Daylight Sensor	Waterproof IP65	Rechargeable Battery 3600mAh	Charging time 6H
Working time 11H				



Solar LED Spike Light

Solar Panel: Polysilicon 5.5V/3W, solar panel is 24*20 cm
 Battery: 18650, 3.7V/2200mAh
 Lumen: 70LM*4
 CCT: CW+WW+Green Light
 Material: Die-casting Aluminim+ABS +PC
 Waterproof grade: IP54
 Dimension: Lamp holder is 4.2cm in diameter

Solar Energy	Daylight Sensor	Waterproof IP54	Rechargeable Battery 6000mAh	Charging time 6H
Working time 12H	Material Aluminim +ABS+PC			

Solar LED Strip Light Outdoor



Solar Panel: Monocrystalline silicon
 Battery: 18650, 3.7V/1800mAh
 LED: SMD2835 150PCS
 Lumen: 140LM
 CCT: RGB/CW+WW
 Material: PC+SIR
 Waterproof grade: IP65
 Dimension: 10mm weith, total 5meters length

Solar Energy	Daylight Sensor	Waterproof IP65	Rechargeable Battery 1800mAh	Charging time 6H
Working time 9-12H	Material PC+SIR			



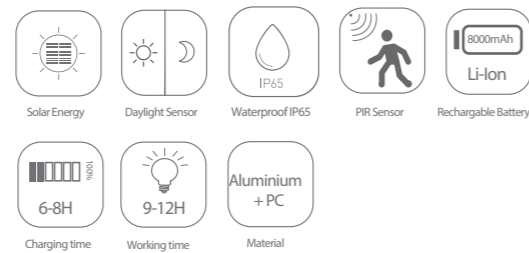
Solar Aluminum Street Lamp

— Double PIR sensor

Solar Panel: Monocrystalline silicon $\Phi 280 \times 3.2\text{mm}$ 5.5V/6.5W
 Battery: 18650, 3.7V/8000mAh
 LED: SMD2835 152PCS
 Lumen: 2000LM
 CCT: CW 6000-6500K) or WW 2900-3200K
 Material: Die cast aluminum+PC cover
 Waterproof grade: IP65
 Dimension: 310X310mm, Pole Dia: 52mm

Working Modes:

Mode1: PIR detection light on 100% for 30's, no detective light on 5%
 Mode2: PIR detection light on 100% for 30's, no detective light off
 Mode3: Constant light on for 6hours: 30% power for 1 hour, 24% power for 2hours, 15% power for 3 hours



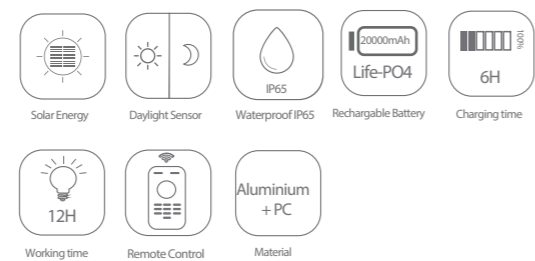
Solar Aluminum Street Lamp

— Remote control

Solar Panel: 5V/20W Monocrystalline glass panel $\Phi 280 \times 3.2\text{mm}$
 Battery: LifePO4 32700 3.2V/20000mAh
 LED: SMD2835 264pieces
 Lumen: 1500LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ PC
 Waterproof grade: IP65
 Dimension: 385*385*350mm

Working Modes:

1. Power on / off
2. Full brightness/Half brightness
3. Dimming +/-
4. Timming 3H/5H/8H



Solar Aluminum Street Lamp

— 3M/4M/5M options

Solar Panel: Monocrystalline silicon $\Phi 425\text{mm}$ 5.5V/20W
 Battery: 18650, 3.2V/20000mAh
 Lumen: 1500LM
 CCT: CW 6000-6500K) or WW 2900-3200K
 Material: Die cast aluminum+PC cover
 Waterproof grade: IP65
 Dimension: Dia 425, Pole Dia: 77mm



Solar Aluminum Street Lamp

— Remote control

Solar Panel: 6V/20W Monocrystalline glass panel $\Phi 280 \times 3.2\text{mm}$
 Battery: LifePO4 32700 3.2V/16000mAh
 LED: SMD2835 264pieces
 Lumen: 1500LM
 CCT: 3000K/4000K/6000K
 Material: Die-casting aluminum+ Iron
 Waterproof grade: IP65
 Dimension: 560*160mm

Working Modes:

1. Power on / off
2. Full brightness/Half brightness
3. Dimming +/-
4. Timming 3H/5H/8H



