

Our Beyond Solar BLK series flood light can be used in parking lot, on building or any location where having traditional lighting would costly. You don't have to invest thousands of dollars to run power and no messy wiring into an electrical system.

- Adjusting the solar panel angle maximizes solar collection and allows snow to slide off
- Light fixture can also be adjusted to the direction light is needed
- The Solar panel and Light Fixture can be installed on any pole
- The Eco Friendly and safe LifePo4 Battery improves the cycle charge and discharge over 2000 times
- Auto identify day/night, smart mode operation
- 140 Lumen per watt and IP65 rated
- 3 years warranty on all components



KEY FEATURES

ANTI BY CA

ANTI BLACK OUT

BY CHOOSING THE RIGHT COMPONENTS AND DIMENSIONING OUR ENGINEERS HAVE CALIBRATED ALL OUR SOLUTIONS FOR A PERFECT LIGHTING AUTONOMY. YOU WILL NEVER FACE A LIGHTING BLACK OUT.

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NEQUALED LIFETIME

BY CHOOSING ONLY HIGHEST COMPONENT AND ESPECIALLY LIFEPO4 BATTERY AND ELECTRONICS OUR PRODUCTS ARE MADE TO LAST .

EXTREME TEMPERATURE RESISTANCE

ALL OUR COMPONENTS ARE IP65 RATED. ALUMINIUM BODY AND FRAME AND STAINLESS BRACKET AVOID ANY RISK OF CORROSION



EASY INSTALLATION

THE BRACKET AND THE LIGHT FIXTURE CAN BE INSTALLED ON ANY POLE

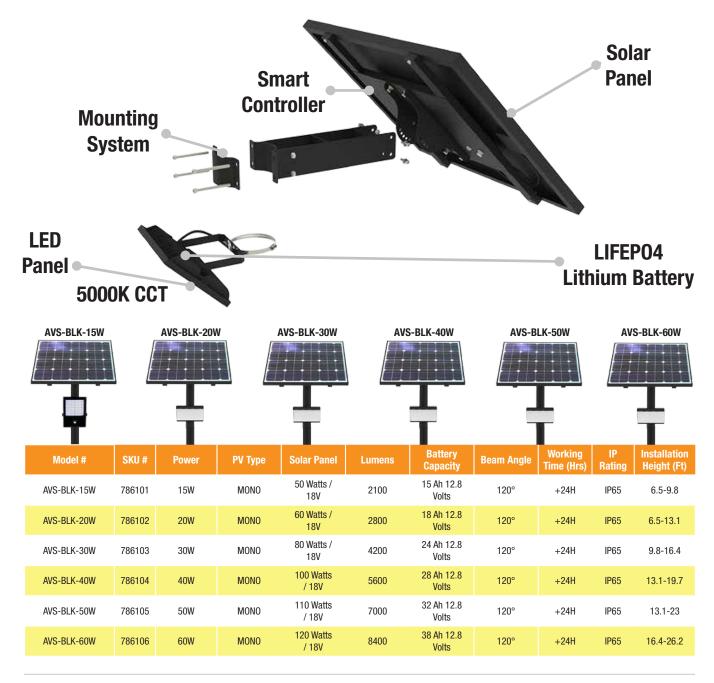




EXPLODED VIEW

THE COMPACT SOLAR LIGHTING SOLUTION

The Beyond Solar LED Flood Light kit (BLK), is what we can call an All in Two. The bracket allows you to choose any angle or direction for the solar panel. The Light Fixture can also be adjusted to the right direction.





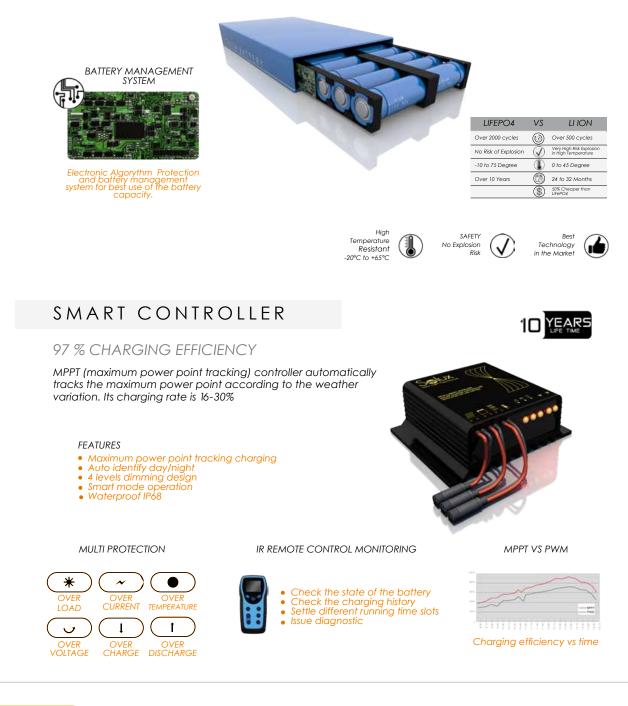


LIFEPO4 BATTERY

ULTRA-LONG LIFE LIFEPO4 LITHIUM BATTERY



The Eco-friendly and safe LiFePO4 Li-ion battery improves the cyclic charge and discharge over 2000 times and has a life span of more than 8 years.







LED LIGHTING

WATERPROOF CASING

PHILIPS LUXEON HIGH EFFICACY LIGHTING

Combined with a heat dissipation design, pure aluminum lamp base with a sealed lens for optimal lighting and life span. Batwing lens is perfect for illumination and uniformity. **PHILIPS** 150 Lumens per Watt

BATWING LENSE LIGHT DISTRIBUTION CURVE







TECHNICAL SPECIFICATIONS

MADE FROM THE HIGHEST QUALITY COMPONENTS

We at Beyond Solar, have seleted the best components for the highest level of performance and durability.



LIGHTING	LED POWER	15 Watts	20 Watts	30 Watts		
	LUMINOUS FLUX	2100 Lumens	2800 Lumens	4200 Lumens		
	EFFICIANCY	150 Lumens / Watts				
	CHIPS	PHILIPS				
	LED LIFETIME	Over 50000 hours				
	LIGHTING ANGLE	120 degree				
	MOUNTNING HEIGHT	6.5-9.8 FT	6.5-13.1 FT	9.8-16.4 FT		
STORAGE	TECHNOLOGY	Lithium Iron Phosphate LIFEPO4 18650 Cells including Battery Management System BMS				
	CAPACITY	15 Ah 12.8 Volts	18 Ah 12.8 Volts	24 Ah 12.8 Volts		
	AUTONOMY	Over 24 hours at full Charge - 4 Rainy Days Back up				
	CHARGING TIME	6-7 hours				
ST	LIFESPAN	Over 2500 cycles - 8 to 10 years Lifetime				
	CERTIFICATE	En 61427 MSDS				
ENERGY	SOLAR PANEL	50 Watts / 18V	60 Watts / 18V	80 Watts / 18V		
	LIFESPAN	Monocrystaline Panel Grade A 25 Years				
ЕЪ	CERTIFICATES	IEC 61215 ; IEC 61730 I and II ; IEC 60904				
4IC	CONTROLLER	MPPT SMART CONTROLLER				
RON	SENSOR	PIR Sensor Optional				
ELECTRONIC	CABLING	Waterproof Connector, Plug and Play				
EL	CERTIFICATES	En 55015 ; En 61000				
	UNIT SIZE (in)	20.0787*24.0157*4.0354331	27.9528*20.0787*4.0354331	29.1339*26.378*5.3346457		
NS	CARTON SIZE (in)	26.7717*22.4409*7.28346	29.5276*22.4409*6.49606	28.3465*35.4331*7.87402		
DIMENSIONS	NET WEIGHT (Ib)	19.6211	30.930855	35.274		
	GROSS WEIGHT (Ib)	22.156457	33.135478	40.78552		
	QTY PER CONTAINER 20» / 40» / 40 HQ	417pcs/883pcs	423pcs/896pcs	220pcs/470pcs		



TECHNICAL SPECIFICATIONS

MADE FROM THE HIGHEST QUALITY COMPONENTS

We at Beyond Solar, have seleted the best components for the highest level of performance and durability.



LIGHTING	LED POWER	40 Watts	50 Watts	60 Watts	
	LUMINOUS FLUX	5600 Lumens	7000 Lumens	8400 Lumens	
	EFFICIANCY	150 Lumens / Watts			
	CHIPS		PHILIPS Luxeon		
	LED LIFETIME	Over 50000 hours			
	LIGHTING ANGLE	120 degree			
	MOUNTNING HEIGHT	13.1-19.7 FT	13.1-23 FT	16.4-26.2 FT	
STORAGE	TECHNOLOGY	Lithium Iron Phosphate LIFE	PO4 18650 Cells including Batte	ery Management System BMS	
	CAPACITY	28 Ah 12.8 Volts	32 Ah 12.8 Volts	38 Ah 12.8 Volts	
	AUTONOMY	Over 24 hours at full Charge - 4 Rainy Days Back up			
	CHARGING TIME	6-7 hours			
	LIFESPAN	Over 2500 cycles - 8 to 10 years Lifetime			
	CERTIFICATE	En 61427 MSDS			
ENERGY	SOLAR PANEL	100 Watts / 18V	110 Watts / 18V	120 Watts / 18V	
	LIFESPAN	Monocrystaline Panel Grade A 25 Years			
EP	CERTIFICATES	IEC 61215 ; IEC 61730 I and II ; IEC 60904			
٩IC	CONTROLLER	MPPT SMART CONTROLLER			
ELECTRONIC	SENSOR	PIR Sensor Optional			
ECT	CABLING	Waterproof Connector, Plug and Play			
ELI	CERTIFICATES	En 55015 ; En 61000			
	UNIT SIZE (in)	29.1339*26.378*5.3346457	43.77953*26.378*5.3346457	43.77953*26.378*5.3346457	
NS	CARTON SIZE (in)	35.4331*29.1339*7.87402	46.06299*28.7402*7.48031	46.06299*28.7402*7.48031	
SIO	NET WEIGHT (Ib)	35.274	41.8878	44.53338	
DIMENSIONS	GROSS WEIGHT (Ib)	41.468952	46.2971	49.471732	
	QTY PER CONTAINER 20» / 40» / 40 HQ	204pcs/452pcs	194pcs/390pcs	194pcs/pcs	





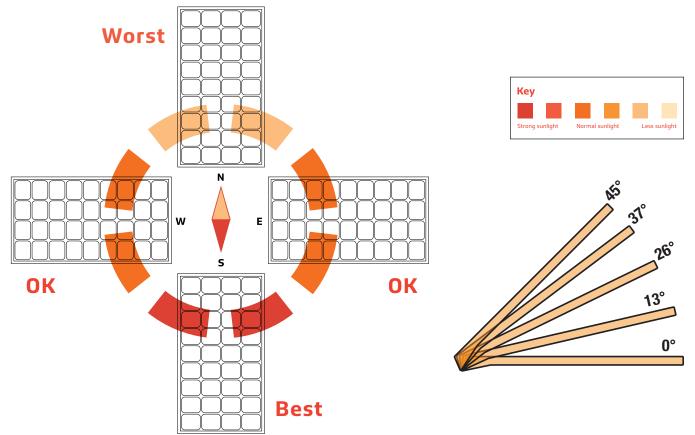
Optimum Panel Orientation

The Solar charge in a battery pack won't last forever. The off–grid system relies on stored solar energy for autonomy. Angling your solar panels properly can boost the power intake of your solar lighting system. You want to angle your solar panels at a tilt based on the area's latitude.

Tip for Maximum Power

You can increase the tilt 15° in the winter or decrease 15° in the summer. In this way you can get the maximum sunlight to recharge the battrey.

Best Facing Direction of Solar Panel



The area will dictate the installation of the fixtures and will sometimes prevent the lights from facing south. Panels facing West & East won't get as much light as Southern facing panels, but will stillcollect a good amount of sunlight. A North facing panel also works, but it will take longer to charge than any other direction. This would mean that the solar charge will be less optimal if installations are facing North.





Optimum Panel Orientation

