



**Brings light to areas  
with problem in grid,  
No trenching for  
cabling required,  
Safety, long life, zero  
electricity,  
maintenance free.**

### **SmartBright Solar All-in-two Street Light**

External high efficiency polysilicon solar panel Die-casting aluminum housing, Professional lighting distribution, 2000, 3000, 4000lumens versions available, Plug-play connector between luminaire and PV panel Inbuilt LiFePO4 battery and MPPT controller.

#### **Benefits**

- Easy installation
- Wide range of outdoor application
- Suitable for areas where electrical connections are difficult to maintain
- 100% Green solar power energy
- No fossil energy consumption

#### **Application**

- Streets, parks & plazas, parking, pedestrian pathway, shopping centers, corporate campuses, industries, etc.

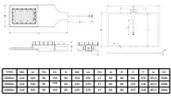
# SmartBright Solar All-in-two Street Light

## Versions



BRP216 G2 SOLAR

## Dimensional drawing



# SmartBright Solar All-in-two Street Light

## Light Technical

Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	70

## Operating and Electrical

Battery type	Lithium Ferro Phosphate
Battery voltage	3.2 V
Grid connection type	Off grid
Panel type	Poly crystalline
Panel voltage	16 V

## Controls and Dimming

Dimmable	No
Configurability	Not configurable
Solar dimming profile	Pre-configured

## Mechanical and Housing

Battery location	In built
Housing Color	Gray
Ingress protection code	IP65
Overall height	96 mm
Overall length	583 mm
Overall width	218 mm

## Approval and Application

Ambient temperature range	0 °C to 50 °C
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## Application Conditions

Ambient temperature range for charging	0 °C to 50 °C
Ambient temperature range for discharging (when light is on)	-10 °C to 60 °C

## Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401845102	BRP216 LED20/740 G2 Solar	50 Ah	20 W
911401845202	BRP216 LED30/740 G2 Solar	75 Ah	40 W
911401845302	BRP216 LED40/740 G2 Solar	100 Ah	40 W

