



All-in-one Solar street light range up-to 18000 lumens, suitable for high ambient temperature applications

GreenVision All-in-one Solar Street Light

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and MPPT charge controller built into the luminaire. Pressure die cast aluminium for sturdiness and long life. Specially designed pole mounting bracket allows different tilt angles, lateral and pole top mounting. Adjustable LED module for better distribution of light when required.

Benefits

- Brings light to areas without access to electric grid
- Preserves landscape as no trenching for cabling required
- Sturdy construction
- Suitable for high ambient temperature operation
- Saves energy, environment friendly

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Features

- High luminous efficacy of > 180 lm/Watt to maximize battery performance
- MPPT charge controller for maximum efficiency
- Specially designed pole mounting bracket with adjustable tilt angles, which can also be used in post top & lateral mounting positions
- 3G compliant pressure die-cast aluminum housing for sturdiness and excellent heat dissipation
- Factory set dimming profile along with microwave sensor for run time maximization. Dimming can be configured at site with the help of configuration remote controller.
- Self diagnostic feature with LED Indicators.

Application

- Road and streetlighting
- Perimeter lighting
- Parks, pedestrian paths, cycle tracks
- Shopping centers, plazas
- Industries, office and school campuses
- Sub-urban areas

Versions



Solar Street Lights

Solar Street Lights

Solar Street Lights

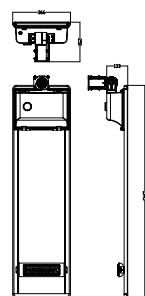
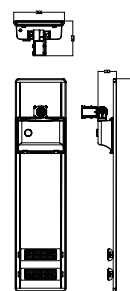
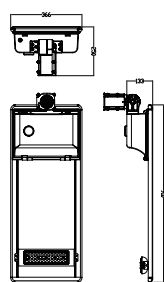
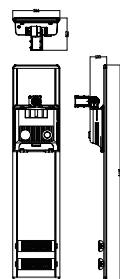
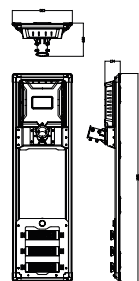
Solar Street Lights



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Dimensional drawing



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Light Technical	
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	>70
Operating and Electrical	
Battery charging & discharging cycles	2000
Battery type	LiFePO4
Charge controller type	MPPT
Grid connection type	Off grid
Panel type	Mono crystalline
Controls and Dimming	
Dimmable	Yes
Configurability	Configurable
Solar dimming profile	Dimming along with microwave motion sensor
Mechanical and Housing	
Battery location	Inbuilt
Housing Color	Black
Ingress protection code	IP65
Overall height	133 mm
Approval and Application	
Ambient temperature range	-20 °C to 55 °C
Application Conditions	
Ambient temperature range for charging	0 °C to 55 °C
Ambient temperature range for discharging (when light is on)	-20 °C to 55 °C

Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Battery voltage	Panel peak wattage	Panel voltage
911401626208	BRP715 LED90 CW Solar Pro	48 Ah	12.8 V	90 W	18 V
911401626008	BRP715 LED50 CW Solar Pro	30 Ah	12.8 V	50 W	18 V
911401626408	BRP715 LED180 CW Solar Pro	48 Ah	25.6 V	160 W	36 V
911401626108	BRP715 LED70 CW Solar Pro	42 Ah	12.8 V	80 W	18 V
911401626308	BRP715 LED120 CW Solar Pro	66 Ah	12.8 V	100 W	18 V

Mechanical and Housing

Order Code	Full Product Name	Overall length	Overall width	Order Code	Full Product Name	Overall length	Overall width
911401626208	BRP715 LED90 CW Solar Pro	1,535 mm	366 mm	911401626108	BRP715 LED70 CW Solar Pro	1,345 mm	366 mm
911401626008	BRP715 LED50 CW Solar Pro	910 mm	366 mm	911401626308	BRP715 LED120 CW Solar Pro	1,670 mm	366 mm
911401626408	BRP715 LED180 CW Solar Pro	1,812 mm	523 mm				

