



SunStay

BRP710 LED20 CW MR S1 12V LFP AIO Solar

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel and charger 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.

Product data

General Information		Temperature	
Driver included	Yes	Ambient temperature range	0 to +35 °C
Light Technical		Controls and Dimming	
Luminous Flux	2,000 lm	Dimmable	Yes
Correlated Color Temperature (Nom)	5700 K	Configurability	Factory Configurable
Luminous Efficacy (rated) (Nom)	175 lm/W	Mechanical and Housing	
Color rendering index (CRI)	>70	Housing Material	Aluminium pressure die cast
Light source color	Cool white	Housing Color	Gray
Optical cover type	UV stabilized Polycarbonate cover	Overall length	684 mm
Operating and Electrical		Overall width	369 mm
Battery type	Lithium Ferro Phosphate	Overall height	156 mm
Battery ampere hour	13.6 Ah	Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery voltage	12.8 V	Approval and Application	
Battery charging & discharging cycles	2000	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Panel type	Poly crystalline	Over Time Performance (IEC Compliant)	
Panel voltage	17 Vmp, 21 Voc V	Median useful life L70B50	50,000 hour(s)
Panel peak wattage	28 W	Application Conditions	
Charge controller type	MPPT	Ambient temperature range for charging	0 °C to +45 °C °C

Ambient temperature range for discharging -20 °C to +35 °C °C (when light is on)	
Solar dimming profile	30% Dusk to dawn, 100% on motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Grid connection type	Off grid
Battery location	Inside Luminaire

Product Data

Order product name	BRP710 LED20 CW MR S1 12V LFP AIO Solar
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Full product name	BRP710 LED20 CW MR S1 12V LFP AIO Solar
Order code	919515812389
Material Nr. (12NC)	919515812389
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

