



SunStay

BRP710 LED20 CW MR S1 12V 35MO PDIM50 So

Integrated solar street light with Lithium Ferro Phosphate battery, solar panel, charger and PIR sensor 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		Overall height	156 mm
Light source color	Cool white	Color	Gray
Driver included	Yes	Approval and Application	
Optical cover/lens type	UV stabilized Polycarbonate cover	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Operating and Electrical		Initial Performance (IEC Compliant)	
Battery type	Lithium Ferro Phosphate	Initial luminous flux (system flux)	2000 lm
Battery ampere hour	13.6 Ah	Initial LED luminaire efficacy	175 lm/W
Battery voltage	12.8 V	Init. Corr. Color Temperature	5700 K
Battery charging & discharging cycles	2000	Init. Color Rendering Index	>70
Panel type	Mono crystalline	Initial input power	11.5 W
Panel voltage	17 Vmp, 21 Voc V	Application Conditions	
Panel peak wattage	35 W	Ambient temperature range	0 to +35 °C
Charge controller type	MPPT	Ambient temperature range for charging	0 to +45 °C
Controls and Dimming		Ambient temperature range for discharging (when light is on)	-20 to +35 °C
Dimmable	Yes	Solar dimming profile	50% Dusk to dawn, 100% on Motion. (Sensor disabled for 5 Hrs, after 5 Hrs)
Configurability	Factory Configurable	Grid connection type	Off grid
Mechanical and Housing			
Housing Material	Aluminium pressure die cast		
Overall length	684 mm		
Overall width	369 mm		

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Battery location	Inside Luminaire
Product Data	
Order product name	BRP710 LED20 CW MR S1 12V 35MO PDIM50 So
EAN/UPC - Product	8710163354224
Order code	919515812630

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	919515812630
Net Weight (Piece)	9.500 kg

