



SunStay

BRP710 LED30 NW MR HY 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		Cable	
Driver included	Yes	Cable	Cable 0.8m, 2-core, 1.5mm ²
Light Technical		Temperature	
Luminous Flux	3,000 lm	Ambient temperature range	0 to +35 °C
Luminous Efficacy (rated) (Nom)	175 lm/W	Controls and Dimming	
Correlated Color Temperature (Nom)	4000 K	Configurability	Factory Configurable
Color rendering index (CRI)	>70	Dimmable	Yes
Optical cover type	UV stabilized Polycarbonate cover	Mechanical and Housing	
Operating and Electrical		Housing Color	RAL 7011
Input Voltage	240 V	Overall length	684 mm
Line Frequency	50 Hz	Overall width	369 mm
Battery type	Lithium Ferro Phosphate	Overall height	156 mm
Battery ampere hour	20 Ah	Dimensions (Height x Width x Depth)	156 x 369 x 684 mm
Battery voltage	12.8 V	Material	Pressure die cast aluminum
Battery charging & discharging cycles	2000	Approval and Application	
Panel type	Mono crystalline	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Panel voltage	17 Vmp, 21 Voc V	Mech. impact protection code	IK08 [5 J vandal-protected]
Panel peak wattage	35 W	Surge Protection (Common/Differential)	Surge protection level until 4 kV
Charge controller type	MPPT	CE mark	CE mark
Charge controller wattage	17 W		
Cable connection kit	Included		

Warranty period	3 years
EU RoHS compliant	Yes

Over Time Performance (IEC Compliant)

Median useful life L70B50	50,000 hour(s)
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Application Conditions

Ambient temperature range for charging	0 °C to +45 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +35 °C
Solar dimming profile	100% Dusk to dawn
Grid connection type	Hybrid
Battery location	Inside Luminaire

Product Data

Order product name	BRP710 LED30 NW MR HY SOLAR
Full product name	BRP710 LED30 NW MR HY SOLAR
Full product code	871951450194200
Order code	919515813988
Material Nr. (12NC)	919515813988
Numerator - Quantity Per Pack	1
Net Weight (Piece)	12.000 kg
EAN/UPC - Product/Case	8719514501942
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514501942

Dimensional drawing

