

Solar PV Systems

Retro all in one retro solar street lights



Solar PV Systems all in one retro technical values

810 Lumens to 1350lm for remote applications

Lighting features

Light Source	810-1350 Lm
12v LED	85
Minimum CRI (colour rendering index)	4500k
Colour temperature	Asymmetric for street lighting
Optic	Bridgelux or Cree
LED's	2500- 2880
Initial luminaries flux (lm)	120
LUM EFF (lm/W)	12 VDC
Power supply	10
Power consumption (W)	III (SELV)
Electrical insulation class	5-6 hours
Automatic charge control regulation	60hrs
Autonomy	depending on location (ask for details)
Light work duration	30-100%
Luminous flux reduction value	Control of heat -25° C ~ 50°
LED thermal protection	Mono-crystalline (25 years life)
Solar panel	12.8v BYD Lithium – ion LiFePO4 (2,000 cycles)
Battery	76-89mm diameter
Fixing	5°
Tilt angle	IP65
Protection degree	Beaufort scale 9
Max wind speed	20kg
Weight	1136 x 420 x 44mm
Size	24 months
Standard warranty	

All in one options:

- PIR unit will provide lighting from dusk @ 30% brightness, sensor activated within 10m @ 100%.
These are fully automated systems to provide light using the full capacity of solar irradiance available. E.&O.E.

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