



SOLAR STREET LIGHT

SOLAR PANEL

Rated Wattage	300W
Type	Monosilicon
Rating	A-Class
Physical	Aluminum Frame with Tempered Glass
Size	77" x 32" x 2"
Cells	72 (6 x 12)
N Weight	49.5 lbs
Vmp	35.6V
Imp	8.43A
Voc	45.0V
Isc	8.59A
Efficiency:	≥18%
FF(%)	78%
Operating temperature	-40°C to + 80°C

RE-INFORCED PANEL
MOUNTING BRACKET



BATTERY (USES 4)

Nominal Voltage	12V
Number of cell	6
Design Life	5-8 years
Capacity (Amp Hours)	120Ah/EACH – 480 TOTAL ah
Fully Charge 77°F (25°C)	4mΩ
Discharge	-20~60°C
Charge	-10~60°C
Storage	-20~60°C
Size:	406mm x 172mm x 210mm
Weight	32.5 kgs



DIMMABLE CONTROLLER

Processor	PWM Type Intelligent Micro-Controller
Max Current	20A
Operating Voltage	12-24V
Enclosure Rating	IP-68
Size	3.2" x 2.4" x 3/4"
Weight	0.6 LBS
Working Temperature	-20°C to 60°C
Features	Reverse-connection Protection Over-charging/discharging Protection Auto-on at sundown Dimmable Remote Control Programming Motion Sensor

LIGHT

LED Power	40W
Brightness	5200 Lumens
Body Size	19.7" x 8.7" x 2"
Lamp Efficiency	>92%
Dispersion angle	120°
Luminance	>34LX
Color Temperature	6000K (High contrast white)
Color Rendering Index	>75
Power Factor	>0.95
Enclosure Rating	IP-66
Working Temperature	-40 to + 60°C
Lifespan	>50,000 Hours
Weight	9.5 LBS



POLE

Pole Height	19'
Thickness	3mm (11 gauge)
Material	Q235
Top Diameter	3.75"
Bottom Diameter	7.25"
Surface treatment	Hot-Dip Galvanized, Powder Coated
Wind resistant rating	≥150km/h
Color	Custom

