

OMNISOLAR

Serious About Solar



Energy Saver



Warranty



Interchangeable
Components

Horizon HWS

Solar Street Light

A powerful, versatile
and efficient solar street light.

Experience advanced TCS technology for extended battery life with our Horizon HWS solar street light. Equipped with a self-fault alarm system, maintenance is effortless, ensuring uninterrupted performance for street lighting.



Heated Battery



Weather Proof



Works in Winter

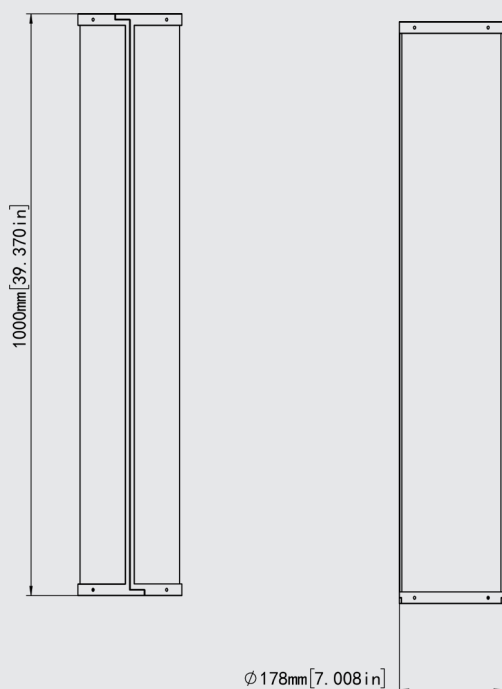


Solar



Eco Friendly

Dimensions



Specifications

Rated Wattage	20W
Lumens	4000LM
LED Efficacy	"200lm/w (Real testing data. In additional, we use our patent optical lens with potted glue, which shorten the light reflection path to reach up to 98% efficiency)"
CCT	6000K/5000K/4000K/3000K
CRI(Ra)	>70
LifeSpan(LM80)	>50,000Hrs
LED Chip	Philipe 5050
Beam Angle	TypeII/Type III
Solar Characteristics	
Solar Panel	18V/200W/100W*2 Vertical Mono- Crystalline Solar Panel
Dimensions	Inner Diameter: 14.5CM Outer Diameter: 17.8CM Length: 100CM
Weight	7.3KG/16.095LBS
Materials	High-transmission low-iron tempered glass , EVA, TPE
Wind Power	
Wind Rated Power	300W

Battery

Rated Wattage	20W
Lumens	4000LM
Battery Type	LiFe PO4
Battery Voltage	12.8V
Battery Rating (AH)	246AH
DoD% of Battery Set with the Controller	YES.We have battery low capacity protection.minimum 20% safety margin for battery. i.e 80%DoD (Yes,we have this function.)
Battery Replaceable?	YES
Controller Replaceable?	YES
IP Rating of compartment where battery &controller are situated (if controller &batteries are in separate compartment , mention IP rating separately)	YES, Battery IP66 & Controller IP68
Charge time	8-10 Hours
Autonomous discharge time	10 days

Environment	
IP Rating	IP65
Impact Rating	IK08
Operating Temperature	-20°C To 65°C
Controller	
Controller Type	MPPT
BMS Included?	YES
Including Photovoltaic Sensor	Yes, it can work from dusk to dawn automatically
Working Mode (can be customized)	100% LED light output power dusk to dawn (Can be customised on request)
Microwave Sensor	Optional
AC-DC Adapter Maximum Output Power	50W
AC-DC Adapter Input	100-240V
Product Material	
Product Material	Powder -Coated Die Cast Aluminium (Anti UV Coating)