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Remote
Setting



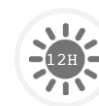
Microwave
Sensor-Optional



MC4 Plug In
Connection



Battery-In
Light Head



12 HRS/Day
130 LM/W



Truelite Solar Carport LED Light

12 | 18 | 24 | 36 | 48 Watts
IP 67



truelite[®]
energy innovations



Truelite Solar Carport LED Light

Truelite Solar Carport Light is adapted from our most successful 4G Led Street Light built on the same platform is an answer to a vast solar lighting applications in urban and rural living. Truelite Solar Carport has inbuilt Lithium battery and charge controller integrated with high power led source makes the light a unique weather proof lighting fixture with the advantage of solar.

The easy MC4 plug in set up makes the light extremely easy for installation and portability. Built with high quality components, Truelite solar carport light can meet project requirements as well in any challenging environments. Truelite carport is available from 12 Watts.

IP67 Weatherproof Fixture

Complete ABS plastic external housing, with aluminium bars inside for efficient heat dissipation, perfectly designed for any outdoor applications.

Super Brightness

Using high power LED light source with advanced design makes Truelite Solar Carport a super bright luminous efficacy fixture of 130 Lumens per Watt.

Flexible Solar Panel

Truelite Solar Carport comes with standard and flexible solar panels for curved surface installations. Truelite solar carport light also has the ability for Solar scalability enables adding panels for demanding weather conditions.

Variable Lighting Modes

Constant power with full brightness, energy saving mode with dimming option and variable modes for changing brightness on time intervals can be set according to user requirements via remote controller (optional).

Microwave motion sensor

The variable lighting mode function is designed with the advanced built-in microwave motion sensor ensures wider angle and longer distance coverage.

Efficient MPPT Control System

Advanced MPPT controller offers faster charging and efficiency in adverse weather conditions ensuring the system works to the expected level.

Lithium Battery Bank

Inbuilt lithium battery bank offers 4 days autonomy in energy saving mode and 12 hours dusk to dawn working in constant lighting mode with 100% power.

Applications:

Solar port lights are capable of meeting many applications and challenging solar lighting requirements with extremely simple and easy installation capability. It is a perfect solution for many outdoor applications such as Carports, Bus shelters, Warehouses, Temporary shelters, Outdoor kiosks, Street kiosks, Camping tents, Boats or any remote locations where grid is a challenge. Power and length of the lights can be customized to meet different project requirements as well.



| Model No. | TL-X1500 | TL-X2200 | TL-X3000 | TL-X4200 | TL-X5500 |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Fixture IP | IP67 | IP67 | IP67 | IP67 | IP67 |
| Actual Size | 90*84*600mm | 90*84*600mm | 90*84*900mm | 90*84*900mm | 90*85*1200mm |
| LED Type | SMD2835 144pcs | SMD2835 192pcs | SMD2835 264pcs | SMD2835 384pcs | SMD2835 504pcs |
| CCT Range | 3000K~6500K | 3000K~6500K | 3000K~6500K | 3000K~6500K | 3000K~6500K |
| Power max | 12W | 18W | 24W | 36W | 48W |
| Efficiency max | 1500lm | 2200lm | 3000lm | 4200lm | 5500lm |
| Viewing Angle | 180° | 180° | 180° | 180° | 180° |
| Sensor Type | Microwave | Microwave | Microwave | Microwave | Microwave |
| Battery Capacity | 122WH 12 V | 200WH 12 V | 288WH 12 V | 433WH 12 V | 577WH 12 V |
| Charge Time | 6 Hours | 6 Hours | 6 Hours | 6 Hours | 6 Hours |
| Discharge Time | >48 Hours | >48 Hours | >48 Hours | >48 Hours | >48 Hours |
| Controller Type | MPPT | MPPT | MPPT | MPPT | MPPT |
| Solar Panel | 40W 18V Mono | 50W 18V Mono | 60W 18V Mono | 80W 18V Mono | 100W 18V Mono |
| Panel Size | 670*420*25mm | 700*535*25mm | 670*590*25mm | 760*670*30mm | 1000*670*30mm |
| Working Temp. | -20 °C ~ +55 °C | -20 °C ~ +55 °C | -20 °C ~ +55 °C | -20 °C ~ +55 °C | -20 °C ~ +55 °C |
| N.W/Light | 3.30Kg | 3.85Kg | 4.75Kg | 5.80Kg | 7.70Kg |

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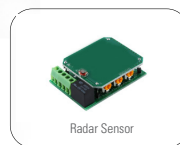
MC4 Connector



MPPT Controller



Lithium Battery



Radar Sensor

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