

X-PRO SOLAR

LED LIGHT TOWER

Solar

- 27' maximum height
- 4 x 160W high efficiency LED light heads have a 5 year warranty and are easily tilted & rotated by hand illuminating a 36,100 sq ft area.
- Four 400W solar panels with electric positioning. Up to 360 days solar self sufficient based on area of use and sunlight available.
- Adjustable light intensity switch and light hour meter.
- Automatic light management to help with battery charging along with battery charge monitor.
- Programmable event timer
- External power source signal lamp and light sensor relay
- Built for a long life! Rugged 14 gauge steel enclosure and fenders are galvanized and powder coated inside and out.
- 4 stabilizers and on board levels
- Towable with DOT light package

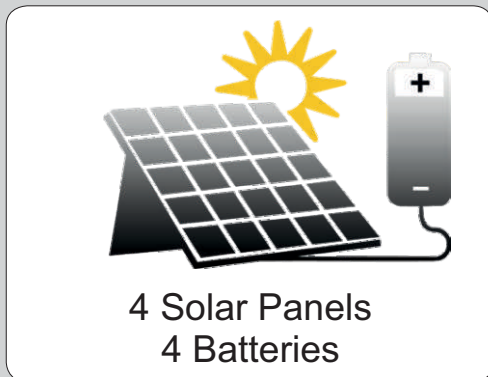


 **TRIME USA**

Trime X-PRO SOLAR Specifications

Mast, Dimensions & Weight	
Mast Height	27'
Lifting Method	Manual Crank
Mast Rotation	340°
Unit Dimensions - Stowed	136"l x 88"w x 103"h
Operating Dimensions	157"l x 167"w x 324"h
Dry Weight	2843 lbs
Operating Weight	2843 lbs
Floodlights	
Type	LED
Power (each)	160W
Floodlight Quantity	4
IP Level	65
Illuminated Area	36,100 sq ft
Batteries	
Type	AGM
Battery Quantity	4
Power Pack	24 V 660 AH
Solar Panels	
Model	Monocrystal Silicon
Panel Quantity	4
Wattage (each)	400W
Solar Deployment	Electric 26° max inclination
Charge Control	MPPT

*Specs subject to change



Setting Up Your Jobsite For Success

1. Determine the area that needs to be lit and the scope of lighting needed.
2. Position your solar tower appropriately spaced throughout the work or play area.
3. Position your tower so that the solar panels face 180° south (obtaining the max potential for sunlight collection.)
4. Deploy outriggers on a solid/stable surface and level the tower.
5. Adjust/position each of the 4 light heads.
6. Raise and position your mast.
7. Extend stored solar panel(s) from the transport position to the working position.
8. Determine the available sunlight profile for the geography where you are working and set the light dimmer for the area – you can dim the lights from 100% (160W) down to 25% (40W) impacting your coverage area.
9. Arrange for the daily monitoring of the battery storage level. It is critical that the battery level does not fall to <20% charge. This monitoring can be done by checking the machine and reading the BVM (Battery Voltage Meter.) (NOTE: We recommend telematics on all units to monitor and manage the unit.)
10. Allow for an external (120V) power source to plug in the tower for auxiliary recharging via ground power or generator when the unit approaches 20% charge. (Usually when there are periods of low sunlight or inclement weather.)
11. Regularly monitor the cleanliness of the solar collection panels. Keep them clean and make sure they are not damaged.
12. Adjust light output setting based on actual job site battery consumption and experience.



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