

Smart Solar Light Tower (Li-ion)

Compact 800W Solar Trailer with Adaptive Lighting

KEY SYSTEM ADVANTAGES

- **Adaptive Seasonal Brightness:** No manual adjustments needed. The smart system automatically maximizes your light's brightness based on daily solar charging conditions.
- **All-Season Reliability:** Designed for extreme climates, our rugged lithium-ion technology utilizes integrated heaters to ensure peak performance and seamless operation in freezing temperatures.
- **5-Year Battery Warranty:** Our smart battery management system delivers an expected 10-year lifespan backed by a full 5-year battery warranty—ensuring maximum uptime, ultimate reliability, and long-term return on investment.

Wanco® Smart Solar Technology: Auto-Adjusting Dusk-to-Dawn Lighting

Intelligent control system automatically adjusts dusk-to-dawn light intensity based on daily solar charging.

True "Walk-Away" Operation: Simply turn it on, and the system adapts to deliver reliable lighting 365 days a year. From dusk until dawn, it optimizes brightness based on historical solar charge performance while reserving battery capacity to ensure dependable operation through changing weather conditions.

Hassle-Free Battery Recycling Program: Because lithium-ion batteries require specialized handling, recycling batteries can be costly and complicated. Wanco takes that hassle off your hands. Our premium batteries are built to deliver an impressive 10-year lifespan. When it's finally time for a replacement, simply order your new set through Wanco, and we will handle the recycling of your old batteries for you—saving you time, money, and regulatory headaches.

WLTS-SM-2L



Dusk-to-Dawn
Adaptive Seasonal
Brightness



Advanced Battery
Management for
Cold Climates



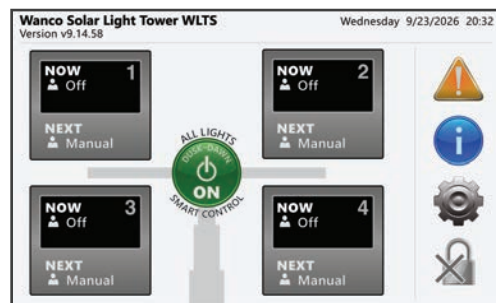
Hassle-Free Battery
Recycle Program
and 5 Year Warranty





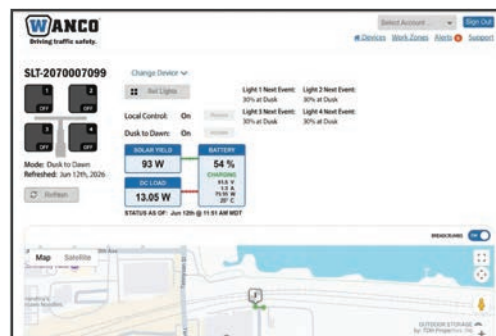
ALL NEW! SMART CONTROL™

Setting up your system takes just a single button press. Once activated, SMART CONTROL™ automatically syncs light output with real-time solar charging. When power generation is high, the system boosts brightness to maximum capacity; during low-charging periods or overcast weather, it dynamically conserves energy to ensure reliable, uninterrupted operation.



Online Fleet Management

Manage your fleet effortlessly with Wanco's Fleet Manager software. Monitor and control multiple assets across various locations from a single online dashboard. Seamlessly turn lights on or off, adjust brightness, activate adaptive lighting, track GPS locations, and set automated schedules. With real-time visibility into battery health and solar charge performance, you can eliminate the guesswork and instantly identify which field equipment needs attention.



Li-ion Maintenance Cost Savings

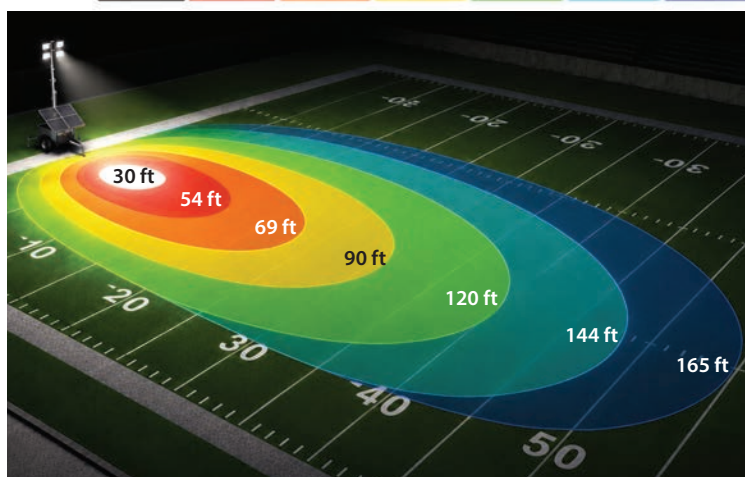
Upgrading from traditional sealed AGM batteries to Wanco's new lithium-ion technology delivers a massive boost to both your field performance and your bottom line. While standard AGM batteries can fail every few years, our advanced lithium-ion cells boast a 10-year lifespan, five times the useful life of AGM, and they are backed by a 5-year warranty exchange program. Switching to lithium-ion batteries transforms your fleet management, driving a hassle-free return on investment.



Specifications:

Lights	Four adjustable 100W LED light fixtures
Luminous flux	14,933 lumens per fixture 59,732 total lumens
Light height	20 feet (6.1 meters)
Coverage area*	13,607 sq. ft. (1,264 m ²) 0.3124 acres
Batteries	8.9kWh avg., 85% max discharge Two smart Li-Ion (NMC), 58Vdc
Solar	800W Monocrystalline, Ultra-fast MPPT
Deployed footprint	155 × 84 in. (395 × 212 cm), L × W
Drawbar	Folding drawbar with 2-inch ball hitch
Travel height	107 in (272 cm)
Weight, approx.	1,440 lb (655 kg)

4 x 100W LED Lights - Average Illuminance (Foot-Candles)



*Total coverage ≥0.25 fc with lights at 20 feet and 100% brightness, fixtures tilted down 15° from vertical.

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More Information

