SLT-2500 Solar Light Tower

Arizona-built high-output solar light plant with AC power



2,500 Watts

SOLAR GENERATION

Ten-panel solar array for large yards and dual-coverage pads that outgrow mid-size towers.

136,000 Lumens

LIGHTING EFFICIENCY

Up to eight adjustable **100 W** LED floods on **dual masts** (10,500 W equivalent class) for the largest pads.

20.5 kWh Lithium

$LIFEPO_4$ STORAGE

Large $LiFePO_4$ bank paired with **dual 12,000 W inverters** for lighting plus jobsite AC loads.

FEATURES & BENEFITS

Dual ~30 ft telescoping masts
Twin approximately 30 ft masts with up to eight independent 100 W LED floods for dual-zone coverage.

12 kW dual inverters
Dual inverters deliver 120 VAC GFCI and dual 240 VAC @ 50 A for tools and gear.

20.5 kWh lithium bank
High-capacity storage for multi-night autonomy on large sites.

Optional wind turbine
Optional marine-grade 450 W turbine for additional day and night generation.

Optional remote monitoring
Optional remote performance monitoring for fleet visibility.

Ruggedized steel construction
Powder-coated industrial trailer chassis built for heavy jobsite duty.

SPECIFICATIONS

- 2,500 Watt 10-panel solar array
- 20.5 kWh lithium battery bank
- Up to 8 × 100 W LED floods · 136,000-lumen output
- Dual inverters · 12,000 W total
- 120 VAC @ 20 A GFCI
- Dual 240 VAC @ 50 A (CS6963 / CS965C)
- Dual approximately 30 ft telescoping masts
- Programmable digital timers
- Optional marine-grade 450 W wind turbine
- Optional remote performance monitoring
- 2-year warranty · Made in the USA









TYPICAL BATTERY LIFE CYCLES

Discharge	GEL	AGM	$LiFePO_4$
100%	450	150	N/A
80%	600	200	**3,500–5,000**
50%	1,000	370	**3,500–5,000**
25%	2,100	925	**3,500–5,000**

CONTACT

Ready for a quote or rental?

480-626-2044

solight.com/lighting/slt-2500/
Rent: AZ · CA · UT · NV · Buy nationwide
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