SLT-1200 Solar Light Tower

Arizona-built industrial light plant



1,200+ Watts

SOLAR GENERATION

Three extendable panels. Five busbars and half-cell structure improve conversion (up to **20.38%**) with strong low-light performance.

68,000 Lumens

LIGHTING EFFICIENCY

Four adjustable **100 W** LED floods at **170 lm/W** for pads, yards, and night work. Two separate circuits for optional 2-light or 4-light operation.

10.24 kWh Lithium

$LiFePO_4$ STORAGE

$LiFePO_4$ batteries with Bluetooth status monitoring, self-heating, IP65 protection, vibration resistance, and smart BMS with automatic cell balancing · up to 5,000 cycles · **12-year battery warranty**.

FEATURES & BENEFITS

~30 ft telescoping mast
Approximately 30 ft mast with four independent 100 W LED floods for broad site coverage.

Reliable MPPT controller
Maximum Power Point Tracking with a long reliability track record.

Wireless communication
Optional 4G for remote control, performance, and location tracking.

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

Easy to operate
Manual switch, digital timers, or auto dusk-to-dawn lighting control.

Ruggedized steel construction
Powder-coated steel with removable tongue, forklift pockets, four D-rings, and outrigger jacks.

SPECIFICATIONS

- 1,200+ Watt extendable 3-panel solar array
- $LiFePO_4$ batteries with Bluetooth monitoring (10.24 kWh) · 12-year warranty
- 4 independent adjustable 100 W LED floods
- 68,000-lumen lighting output
- Approximately 30 ft telescoping mast
- Optional marine-grade 450 W wind turbine
- Optional remote monitoring and control
- Optional backup plug-in battery charger
- Powder-coated steel chassis
- Removable tongue · forklift pockets · 4 D-rings
- Four outrigger jacks
- 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-1200/
Rent: AZ · CA · UT · NV · Buy nationwide
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