

1,640 Watts

SOLAR GENERATION

Electronic-tilt solar array keeps panels aimed for stronger harvest across the day versus fixed racks.

68,000 Lumens

LIGHTING EFFICIENCY

Four adjustable **100 W** LED floods for construction pads, yards, and night work.

10.24 kWh Lithium

LIFEPO$_4$ STORAGE

High-capacity LiFePO$_4$ battery bank for multi-night autonomy · up to 5,000 cycles · ask about the **12-year battery warranty**.

FEATURES & BENEFITS

30+ ft retractable mast
Thirty-plus-foot mast with four independent 100 W LED floods for broad site coverage.

Electronic-tilt array
1,640 W array tracks sun angle electronically for stronger daily harvest.

Reliable MPPT charging
Maximum Power Point Tracking keeps the lithium bank topped efficiently.

Easy to operate
Programmable digital timers, auto dusk-to-dawn, or manual on/off.

Optional remote monitoring
Optional 4G remote performance monitoring and backup plug-in charger.

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

SPECIFICATIONS

- 1,640 Watt electronic-tilt solar array
- LiFePO$_4$ batteries (10.24 kWh class) · high-capacity bank
- 4 × 100 W LED floods · 68,000-lumen output
- 30+ ft retractable mast
- Programmable digital timers · auto dusk-to-dawn
- Optional remote monitoring
- Optional backup plug-in battery charger
- Up to 48 hours continuous light (duty-cycle dependent)
- Powder-coated steel chassis
- Removable hitch tongue · 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-1600/
Rent: AZ · CA · UT · NV · Buy nationwide
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