Solight

SLT-4100H Solar/Diesel Hybrid

Arizona-built hybrid solar light plant with Kubota backup



4,100 Watts

SOLAR GENERATION

Ten-panel hybrid array for sites that want solar-first operation with diesel insurance.

136,000 Lumens

LIGHTING EFFICIENCY

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

20.5 kWh + Kubota

HYBRID STORAGE & BACKUP

20.5 kWh lithium bank plus **10 kVA Kubota GL11000** diesel generator with 100-gallon tank.

FEATURES & BENEFITS

~30 ft telescoping mast
Approximately 30 ft mast with up to eight independent 100 W LED floods.

Kubota hybrid backup
10 kVA Kubota GL11000 with 100-gallon tank for cloudy stretches and peak loads.

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

Security-ready options
Up to 4 HD PTZ cameras and onboard NVR with remote monitoring.

Optional EV charger
Optional electric-vehicle charger for modern jobsite fleets.

Lockable electronics cabinet
Secure cabinet for inverters, controls, and network gear.

SPECIFICATIONS

- 4,100 Watt 10-panel solar array
- 20.5 kWh lithium battery bank
- 10 kVA Kubota GL11000 diesel · 100-gallon tank
- Up to 8 × 100 W LED floods · up to 136,000 lumens
- Dual inverters · 12,000 W total
- 120 VAC @ 20 A GFCI · dual 240 VAC @ 50 A
- Approximately 30 ft telescoping mast
- Up to 4 HD PTZ cameras · onboard NVR
- Optional remote performance monitoring
- Optional EV charger · lockable electronics cabinet
- Programmable digital timers
- 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-4100h/
Rent: AZ · CA · UT · NV · Buy nationwide
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