

FINNING SLT-6

PREFABRICATED SOLAR ARRAY MODULE

Our solar skid solution offers an ideal turn-key product.

The advantages of the modular solar skid is a pre-designed, fully assembled Microgrid solution with ease of site integration, low-cost of transportation and installation and customization of features to match your customer's specific requirements.

Solar light tower with 28,000 lumen output, 2.6KW Solar Capacity and 10KWh battery. 45 hour run time on 4 hours of charge time.* Easy to transport, setup and deploy.

The solar light tower is ideal for temporary and / or permanent lighting for any application. Trailer mounted version also available.



MODEL DETAILS

Lumen Output	28,000
Battery Capacity (Ah)	400
System Voltage (Vdc)	24
Battery Reserve (Hrs)	45
Array Size (W)	2,600
Battery Configuration	LAD / Li-Ion

DIMENSIONS

Length	4,267 mm (168 in)
Width	1,220 mm (48 in)
Height	2,133 mm (84 in)
Weight	1,200 kg (2,645 lbs.)
Mast Height	9,144 mm (360 in)

STORAGE (KWH)

ANNUAL GHG REDUCTIONS

ANNUAL FUEL SAVINGS (L)

10	15-25 Tonnes	5,000
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*Consult a Finning representative for an evaluation

LIGHTING ASSEMBLY

- 28,000 Lumen array
- 150 Lux at a height of 10 meters
- Four (4) 55W LED flood lights
- 100,000 hour operating life

FINNING SOLAR ARRAY

- Six (6) 435W Monocrystalline Halfcut Cat[®] solar panels
- 2.6kW Production capacity
- Steep panel position for snow shedding
- Generates power from any orientation
- Integrated 100A Battery charger

CAT BATTERY PACK

- Eight (8) 12V Lead Acid BCI LM Cells
- 24V 400Ah Battery Pack (10kWh)
- Fully charges with 4hr of sunlight exposure
- 45hr runtime

HEATED BATTERY ENCLOSURE

- R4 Insulated waterproof box
- Embedded 24V heated floor
- Maintains +5°C (40°F) internally year-round
- Rated to ambient temperature of -45°C (-112°F)
- 10A jumper cable battery charger

CONTROL PANEL

- LED Power reserve display
- Manual On / Off Switch
- Automatic streetlight function (dusk / dawn)
- Optional integration of portable Cat Generator

LI-ION BATTERY PACK (OPTIONAL)

- Eight (8) 12V, 100Ah
- 24V 400Ah Battery Pack (10kWh)
- Battery life; greater than 2000 cycles @ 100% DOD

POWER OUTLET

- Two (2) GFCI outlets, 4A 120Vac

WARRANTY

- 2 Year Warranty for Lighting Assembly
- 10 Year Warranty for Panels
- 25 Year Warranty for linear power output of panels

LET'S DO THE WORK.™

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