

# SolarHybrid.Li



## Product Overview



Patent Numbers: Canadian 2,851,391, US and Foreign Patents Pending

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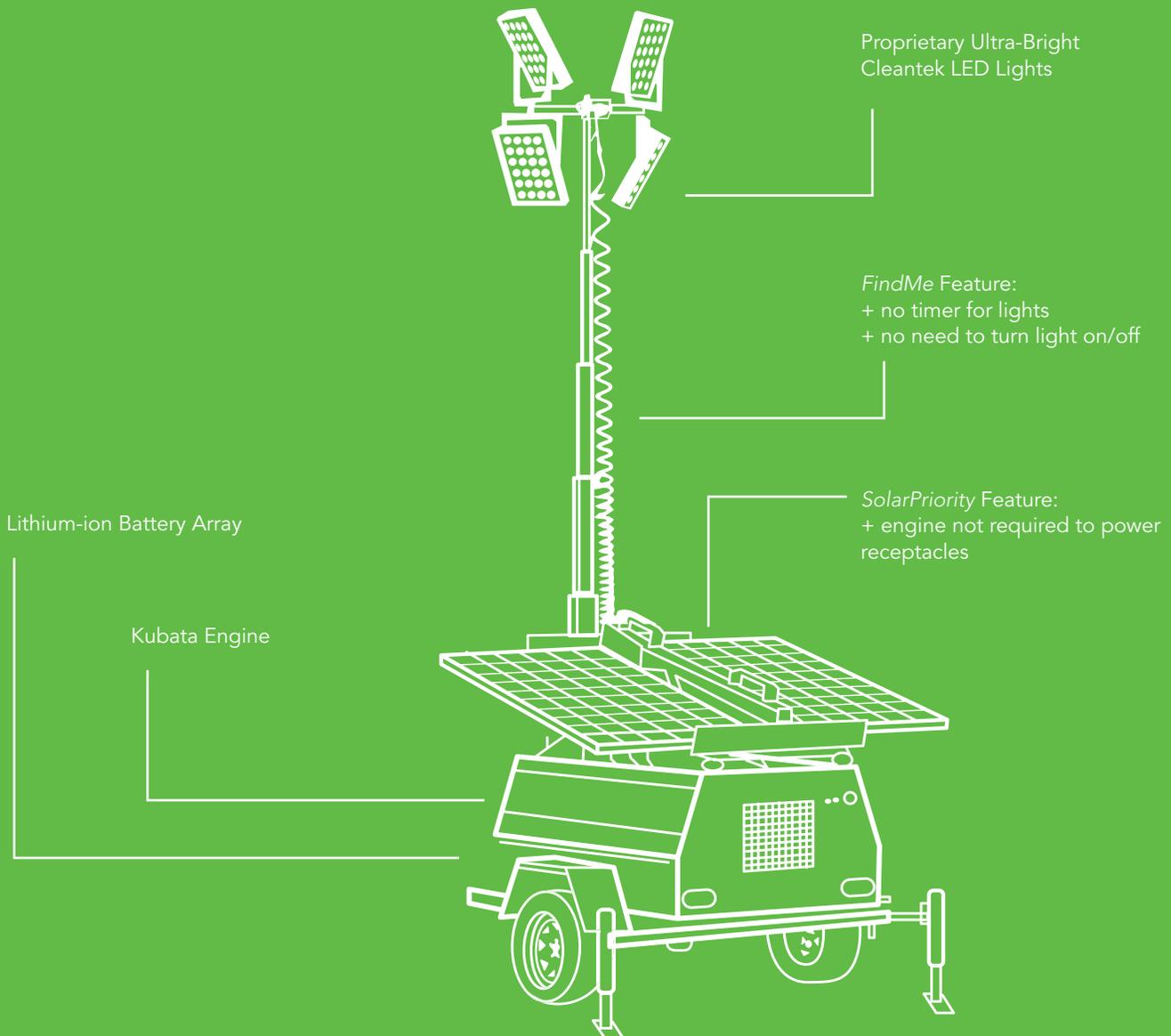
[cleantekinc.com](http://cleantekinc.com)

# SolarHybrid.Li



The **SolarHybrid.Li™** Light Tower is an off-grid system that requires virtually no fuel or operating cost. It combines a Kubota generator, rugged solar panels, Lithium ion batteries and powerful, state-of-the-art CLEANTEK LED lights to harness the power of the sun to illuminate your workspace while minimizing your carbon footprint.

## Full Automated Light Tower

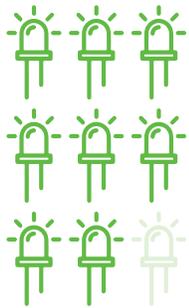
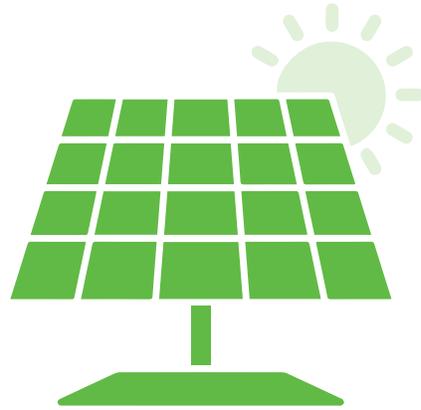




## Environmental Benefits

### SolarPriority™

Feature ensures any available solar is stored by batteries then used by the system first



**12HRS  
LIGHT**  
1.5HRS  
ENGINE HOURS

### Uses Less Engine Hours

12 hours of light requires under 1.5 hours engine runtime



### Reduced Emissions

Up to **53 Tons CO<sub>2</sub>** reduction annually

### Lighting + Batteries Overview:

- ✓ 4X 260 W LED light panels – Brightest on market!
  - + Designed/Built by CLEANTEK
  - + 360° touch-and-go adjustment
  - + Equivalent to 5000 W Metal-Halide
- ✓ State-of-the-art Lithium ion battery array, climate controlled for reliability and efficiency



## Financial Benefits



**90% Fuel Reduction\***  
12 hours of light requires  
less than 1.5 engine hours



### 90% Reduced Operational Management\*

- ✓ Fuel tank refill every 30-60 days
- ✓ Lights turn on/off automatically using the FindMe™ feature
- ✓ GPS monitoring\*\*
- ✓ Easy 15 second set up and tear down
  - + No need to remove lights for transport
  - + No warm up or cool down period

## Innovations

- ✓ Printed Circuit Board control system with CLEANTEK proprietary firmware & software
- ✓ **SolarPriority™** feature ensures any available solar is stored by batteries then used by the system first. Fuel is only consumed as a backup to solar availability.
- ✓ **FindMe™** feature automatically updates solar calendar algorithm to chip via satellite, ensuring lights turn on and off with sunset and sunrise anywhere on earth

## Features



**Reduce Operational Management by 90%**  
90% reduction in operational management



### Significant ESG Benefits

Significantly reduces traffic required from refueling and the SolarHybrid.Li's lower run times result in less noise within communities or civil applications to reduce impact from your job site



### GPS Enabled

GPS features allow the user to automatically turn lights on/off



### Safety Matters

Battery banks stores up to 10 hours of additional & continuous light as emergency back-up

