

SUNRAY™ + LITEPOD

# SOLAR + HYBRID LIGHT TOWERS

ADVANCED SOLAR-POWERED LED LIGHTING MADE EASY TO OPERATE



Superior power-efficiency, longer runtimes, brighter illumination, with minimal energy consumption and maintenance.

SUNRAY™

# LTS LIGHT TOWER SERIES

WITH PROGRAMMABLE TOUCHSCREEN CONTROLS

Proprietary engineered LED drivers and power performance technologies deliver superior power-efficiency, longer run times, brighter illumination with minimal energy consumption and maintenance

**APPLICATIONS:**

Versatile lighting solutions for diverse settings and industries



TRAFFIC



CONSTRUCTION



MINING



UTILITIES



SECURITY



EVENTS



RENTAL



## FEATURES

- Four high-efficiency, high-output dimmable LED light fixtures
- Advanced programmable scheduling
- Day/Week/Hourly timer
- Unprecedented power efficiency
- Individual lamp controls
- Virtually maintenance free
- Sealed, maintenance-free batteries
- 20ft tower height - 360° rotating mast
- Polycrystalline collectors
- Lamps tilt and turn independently
- All lamps tilt 90°-180°
- Towable & easy to maneuver
- Anti-theft fasteners
- Free iPhone App and easy-to-read meters simplify the setup of the solar panels sunlight orientation

SUNRAY™

## LTS 80

SOLAR LIGHT TOWER

### Sunray™ LTS 80 | Two Options

- 100% Solar powered / ZERO emissions
- No fuel = no fuel deliveries, no fuel spills and no fuel costs
- 54,400 total lumens
- Sealed, maintenance-free batteries
- Low battery voltage indicator
- Advanced, proprietary LED drivers
- Programmable controls

### SPECIFICATIONS ■ PART # 2170925 / # 2171479

<b>Lamps</b>	Four dimmable LED fixtures	
<b>Watts</b>	80W per fixture	
<b>Dimmer (brightness)</b>	Three brightness settings	
<b>Luminous flux, lumens</b>	Per Fixture	Total
High (100% brightness)	13,400	54,400
Med (67% brightness)	8,697	34,788
Low (33% brightness)	4,342	17,368
<b>Coverage area*</b>	23,110 sq ft (2,146 m <sup>2</sup> )	
<b>Acres</b>	0.5305 acres	
<b>Collectors</b>	Two 330 W (660W total)	
<b>Batteries</b>	AGM 440Ahr, AGM 600Ahr 12v wired for 24v	

## INTUITIVE PROGRAMMABLE TOUCHSCREEN TABLET CONTROL

### Featuring

- Easy, automatic On/Off operation
- Flexible scheduling: monthly, weekly, daily, and hourly
- Select one, two, three, or all four lights
- Dusk-to-dawn operation with optional dusk +3, +6, +9, or +12 hours
- Dimmable LED light brightness settings (low, medium & high)
- ECO Mode for extended battery life
- Advanced GPS-based programming—solar energy charting to calculate light consumption and performance



## SUNRAY™ LTS 160N SOLAR LIGHT TOWER

### Sunray™ LTS 160N

- 100% Solar powered / ZERO emissions
- No fuel = no fuel deliveries, no fuel spills and no fuel costs
- 108,800 total lumens
- Unprecedented power efficiency
- Sealed, maintenance-free batteries
- Programmable touchscreen tablet controls
- Small footprint. Slide out solar collectors to minimize foot print

### SPECIFICATIONS ■ PART # 2172174

<b>Lamps</b>	Four dimmable LED fixtures	
<b>Watts</b>	160W per fixture	
<b>Dimmer (brightness)</b>	Three brightness settings	
<b>Luminous flux, lumens</b>	Per Fixture	Total
High (100% brightness)	27,200	108,800
Med (67% brightness)	18,133	72,533
Low (33% brightness)	9,067	36,267
<b>Coverage area*</b>	36,210 sq ft (3,364 m <sup>2</sup> )	
<b>Acres</b>	0.8312 acres	
<b>Collectors</b>	Three 330 W (990W total)	
<b>Batteries</b>	AGM 600Ahr, 12v wired for 24v	



## SUNRAY™ LTS 300 SOLAR/HYBRID LIGHT TOWER

### Sunray™ LTS Solar / Diesel Hybrid

- Hybrid power provides longer run times
- 163,200 total lumens
- Solar and Engine battery charging
- Self-starting and stopping
- Hybrid & Diesel plus other options
- Hybrid technology decreases emissions and maximizes solar charging
- Programmable controls

### SPECIFICATIONS ■ PART # 2171030

<b>Lamps</b>	Four dimmable LED fixtures	
<b>Watts</b>	240W per fixture	
<b>Dimmer (brightness)</b>	Three brightness settings	
<b>Luminous flux, lumens</b>	Per Fixture	Total
High (100% brightness)	40,800	163,200
Med (67% brightness)	27,200	108,800
Low (33% brightness)	13,060	54,400
<b>Coverage area*</b>	48,229 sq ft (4,480 m <sup>2</sup> )	
<b>Acres</b>	1.107 acres	
<b>Collectors</b>	Three 330 W (990W total)	
<b>Batteries</b>	AGM 600Ahr, 12v wired for 24v	
<b>Engine(s)</b>	Hatz PMGi (diesel)	

LITE POD PRO

# HYBRID LIGHT TOWER

HYBRID INNOVATION TO ENHANCE LIGHTING WITH EXTENDED RUNTIMES

Experience unparalleled efficiency with our LitePod hybrid light tower, integrating cutting-edge HATZ PMGi technology and advanced LitePod battery innovation.

Our intelligent energy management system constantly monitors battery levels, seamlessly initiating engine activation when necessary to commence the charging cycle. Once the battery reaches optimal levels, the engine automatically shuts off, enabling the lights to draw power directly from the battery. This intelligent on-off charging cycle dramatically minimizes fuel consumption while prolonging engine longevity.

Equipped with four high-brightness LED lamps, identical to those used in our top-tier solar light towers, the LitePod boasts exceptional brightness and energy-saving capabilities. With our innovative dimming features, this advanced lighting solution can operate for over 600 hours<sup>1</sup> on a single tank of fuel, significantly reducing the need for refueling trips.



## APPLICATIONS:

Versatile lighting solutions for diverse settings and industries



## FEATURES

- Four high-efficiency, high-output dimmable LED light fixtures
- Brightness settings extend runtime over 600 hours + on one tank of fuel<sup>1</sup>
- HATZ PMGi engine efficiently built as battery charger
- Advanced programmable scheduling
- Day/Week/Hourly timer
- Individual lamp controls
- 26ft tower height
- Electro-hydraulic lifting system
- Almost 360° rotating mast
- Lamps tilt and turn independently
- Ship 22 units per 48 ft truck

LITE POD PRO

# LITEPOD D+Li

HYBRID DIESEL/LITHIUM-ION BATTERY LIGHT TOWER

## SPECIFICATIONS

PART # 2172317

Lamps	Four dimmable LED fixtures		
Watts	240W per fixture		
Brightness Settings <sup>1</sup>	Three brightness settings		
Dimmer Switch Settings:	Low	Med	High
	33%	67%	100%
Max. Lamp Power (watts)	4x80	4x160	4x240
Max. Total Lumens	54,400	108,800	163,200
Max. Illuminated Area (ft <sup>2</sup> )	13,026	26,093	39,120
Running Time - Battery (hrs.)	13.5	6.7	4.5
Running Time - Hybrid (hrs.)	630	490	319
Running Time - Hybrid ECO (hrs.)	1,275	630	425
Engine Model (Diesel - tier 4)	Hatz 1B30 with PMGi		
Cylinders (qty.)	1		
Engine Cooling	Air		
Engine Speed (rpm)	2800		
Tank Capacity (gross, gal.)	39		
Liquid Containment (110%)	110%		
Outlet Plugs	(2) 110vac 10A total, (2) USB		
Batteries	starter: 12v, 80A AGM running: 24v LiFePO4		

<sup>1</sup> See Brightness Settings for estimated run times