



Progress Solar Solutions™
Saving Energy and the Environment

*Progress Solar™
Light Tower Series*

*Progress Solar/Wind™
Light Tower Series*



*Progress Solar/
Hybrid-Ready™
Light Tower Series*



*Progress Solar/Hybrid™
Light Tower Series*



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Power Generation

Solar Power (Progress Solar™ Light Tower Series)

There are 3 solar system configurations available on the same towable unit base.



The SLT600 is designed for short term applications, like periodic events.

The SLT800 is designed for moderate use applications including the vast majority of typical construction equipment rental uses. It provides maximum flexibility at a reasonable cost

The SLT1200 is designed for longer term, high use year-round applications like oil & gas, mining, military, etc.

Solar & Wind Power (Progress Solar/Wind™ Light Tower Series)

Both the SLT800 and SLT1200 series are available with a wind turbine option to generate additional renewable energy and further increase run times. This is an excellent option for areas with average wind speeds greater than 7mph. This adds power generation up to 24 hours per day including nights and during bad weather.



AC Power (Backup)



A 120V, 20amp, AC rapid charger is provided on all Progress Solar models as a backup to insure power will always be available. Simply plug into the inlet from any available power source (commercial building or generator). Lights can be operated while charging.

Hybrid-Ready for Generator Backup (Progress Solar/Hybrid-Ready™ Light Tower Series)

The Hybrid-Ready Option Can Be Added to Any Progress Solar™ or Solar/Wind™ Light Tower Model. With the hybrid ready model, a rental equipment company can easily add existing 3kw Generators already in their fleet quickly and securely (if ever needed to further expand run time); Keep in mind, a hybrid will certainly not be needed year round but may be necessary during solar challenged times or areas. This option includes a Hitch Quick-Connects, and an Auto-Start Quick-Connect. This allows flexibility and maximum utilization of existing equipment. This can be used with Auto-Start/Electric Start (recommended) or Recoil Start gas, diesel or propane generator options. Simply secure the rack with the Quick Connect hitch & cables and lock in the generator.



We can add Propane, Gas or Diesel 3kW Generator options (examples above) and large Fuel Tanks (examples below) to meet any needs or unattended run time targets in any environment.



(Progress Solar/Hybrid™ Light Tower Series) with Optional Arctic Cold Weather Package

This option is similar to the Hybrid ready series but we fully integrate the generator into the system for areas that are more solar challenged. The unit below was designed specifically for heavy use applications like oil & gas, mining and the military in areas like Canada, Alaska, N Europe, etc. This model can be equipped with or without the optional Arctic Cold Weather Package which includes a significantly larger battery bank and insulated enclosures needed to operate in extreme cold weather temperatures.

Power Storage

All Progress Solar Light Tower models provide a large 24VDC battery bank (16ea, 6V-245aH battery size) to capture and store the solar, wind or hybrid power generated by the system. We utilize the longest, known cycle-life batteries available to insure a long life of trouble free use.

AGM, Sealed, No Maintenance
(Always Recommended)

Flooded Batteries, Maintenance Required
(Lower Cost, Initially. More prone to freezing)



Now with a 33% increase in run time (up to 55 hrs at 70°F) from a full bank of batteries, if no solar or wind power is available. This is while maintaining a low voltage disconnect to protect the battery bank which should last up to 3-5 years or longer depending on usage and area temperature. Note: The Arctic Cold weather Package includes a significantly larger and enclosed and insulated battery bank.

LED Lighting

Progress Solar Light Towers provide brilliant white lighting with 2 primary offerings of LED lights. These lights are customized specifically for Progress Solar Light Towers to maximize light output and function in any weather conditions (IP66). The LED/Lens design controls the beam angles to enable a large sweeping arc of light with broader light coverage close up with the bottom 2 lights and more focused intensity on the top 2 lights for clear visibility in the distance. The LED/Lens design positions the Lens directly on top of the LEDs to minimize/eliminate frost and humidity and maximize the light output.



The most frequently purchased type is our Standard Light Intensity LED flood light fixtures which meets the majority of needs. However, we also offer an Optional Variable Light Intensity flood light fixture that allows the end user to adjust the light intensity with a toggle switch as needed to move between Low-Medium-High levels depending on the needs. Naturally, the higher the light intensity is set the higher the power consumption. For that reason we recommend the Variable Light Intensity option only for the Progress Solar/Wind™ (SLT1200-W) and Solar/Hybrid™ models (SLT800-Hyb and SLT1200-Hyb).

Low Light Intensity Setting



Standard or Medium Intensity Setting



High Light Intensity Setting



Towing & Stabilization Options

Towable Light Towers can be equipped with your choice of hitch

2" Ball Hitch (Standard)



Lunette Ring (Option)



Bull Dog 2" (Option)



High Wind Package (Standard for All Solar/Wind and SLT1200 models; Optional for the SLT800 Solar model)

Includes adjustable, locking Telestruts for the solar wings and additional front outriggers and jacks. Note: The tongue jack and back outriggers are standard on the SLT800 solar unit.



Skid Mount Units



We have added skid-mount units in addition to towable units. These are typically more appropriate for longer, fixed location applications. Skid mount solar light towers sit at exactly the same height as the units with wheels. These units will need to be transported on flatbed trucks and on and off-loaded with either forklifts or with the crane hook. For Longer Term Installations: The end user can screw the legs down into concrete, wood, matting or anchor to the ground with existing

D rings. For Short Term Installations: We can add the same outriggers and jacks on the unit as the towable units to stabilize the unit without any permanent anchors needed.

Security Cameras (Lights, Camera, Action)

Now you can see, capture and better manage what is going on with the Optional security camera. In general, it is used to monitor a location to help improve security, productivity & safety around job sites.

This option is available for the SLT1200 series or SLT800 Solar/Hybrid series. It includes in 1 compact package - 3 fixed and 1 Pan/Tilt/Zoom Camera, 1 Terabyte of Internal Memory, and can be controlled or viewed by Computer or Smart Phone. An Optional Monitoring Service is available.

