

NextGen Solar Hybrid LED light towers

NextGen Solar Hybrid light towers provide an easy, no-compromise, added benefit solution that can save customers money, labor, and greatly reduce emissions.

This **NextGen Solar Hybrid LED** light tower made by Dominight provides a safe, silent, and dependable source of brilliant LED flood-lighting that requires less maintenance, less fuel, and generates lower emissions and sound pollution than standard diesel light towers. It provides 600 watts of ultra-high efficiency lighting, 800 watts of solar collection, and is backed by an ultra-high efficiency, custom HATZ diesel engine. This unit will provide 365 days of dusk-to-dawn operation in the most demanding conditions. The unit features state-of-the-art performance and safety features such as a lithium-ion power storage system, monocrystalline solar array, Tier 4 diesel engine, and optional GPS-based performance monitoring and security system. Most of the rental units have 3kW, 120V AC power.



FieldForceRentals.com

717-508-0550 (Hershey) | 724-591-8655 (Pittsburgh)

LED	6 x 90W 60,000 lumens * Custom options available
LED Control	Automatic, Electromechanical rotate and tilt
Solar	Monocrystalline ~ 800W Advanced MPPT
Battery Capacity	Lithium-ion 5.2kWh
Engine	Tier 4 HATZ diesel engine
Fuel Consumption	0.18–0.9 gal/night
Fuel Tank	36 gal 40–200 day refuel cycle
Dimensions (L x W)	7' x 7'-11"
Mast Height	24'

**Specification subject to change*

Benefits

- **Reduces fuel consumption** by up to 90%
- **Reduces emissions** by up to 90% (includes nitrous oxides, sulfur oxides, hydrocarbons, diesel particulate matter and carbon dioxide)
- **Automated operation** (auto ON/OFF, refuel cycle between 50-70 days)
- **Plug in to shore power for silent operation**
- **Reduces labor costs** by automated operation

Safety

- **Directional lighting** reduces glare (ideal for roadways, dump sites, anywhere there is manually operated equipment)
- **Instant ON/OFF** (no warmup period as required by standard diesel tower)
- **Silent operation** for 90% of the time it's in use
- **Improved light distribution** reduces "hotspots" and shadowing

Ease of Operation

- **One-person setup** and teardown (approx. 5 minutes)
- **Remote monitoring** of system critical metrics such as fuel level, lights ON/OFF, engine runtimes, location (optional feature)
- **Hydraulic mast** and solar tilt
- **Units designed for automatic operation** from dusk to dawn
- **Precision Aim Package** includes electronic rotate and tilt of lights from control box

Available Models

- **Solar AGM** (Solar + SLA AGM batteries) and **NG Solar** (Solar + Lithium-ion batteries)
- **NextGen Solar Hybrid LTE** (Solar + Diesel Engine + Lithium Ion Batteries)



FieldForceRentals.com

717-508-0550 (Hershey) | 724-591-8655 (Pittsburgh)