BALDOR

PL6000K

Baldor POW'R LITE Light Tower

Baldor's compact mobile light tower provides 4000 watts of light anywhere you need it: Construction, Emergency, Industrial, Mining, Civil Engineering and Event Lighting. With metal-halide lamps the Baldor POW'R LITE models will provide light coverage for over 5-7 acres.





- **Baldor's 6kW Generator –** powered by an 1800 RPM liquid-cooled Kubota diesel engine. The Baldor Generator and Kubota engine arebacked by a 3-Year Limited Warranty.
- **Baldor's new elliptical light fixtures –** provide a more efficient light pattern than conventional round fixtures. The 4 – 1000 Watt metal halidelamps are supported on both ends to enhancedurability and long life.
- **Corrosion resistant aluminum enclosure –** heavy duty 12 gauge side panels and lockable doors. Durable powder coat finish.
- **Convenience outlets –** 2000 watts, 120 VAC and 240 VAC.
- **Designed for easy service –** the side fender and side panel are easily removed allowing full access in minutes for engine/alternator service.
- **Mast and outriggers –** zinc plated for long life.
- **30' extended light tower –** Tower rotates 360 degrees
- **4-section mast –** allows for compact trailering length. Coiled mast cords.
- **Dual forklift pockets –** located on light mast and bottom of trailer for easy lifting.
- **Internal control panel –** protects against elements. Hour meter and keylock standard.
- **Engine shutdown –** low oil/high temperature shutdown protection.
- **50 Gallon fuel tank –** provides 100 hours of runtime and outside fill cap.
- **Radiator fill –** easily accessible from end panel cutout.
- **Battery included.**

Mast/Enclosure

Lighting Coverage	5-7 Acres @ 0.5 foot candles
Mast Height	30'
Mast Material	Zinc Plated
Mast Sections	4
Tower Rotation	360 Deg
Mast Cord	Coiled
Enclosure Material	12 Gauge
Finish/Coating Enclosure	Powder Coat
Finish/Coating Hardware	Zinc Plated
Lockable Doors	Yes
Hinge Material	Aluminum
Fenders	Steel
Outrigger System	3 Point
Forklift Pockets	Standard
Maximum Wind Load	65 MPH

Engine Specifications

Manufacturer	Kubota
Model	D905E
Cylinders	3
Induction System	Naturally Aspirated
Displacement, cc (cu. in.)	898 cc (54)
EPA Emissions Level	Tier 2
HP @ Rated Speed	17
RPM	1800
Bore and Stroke	2.83" x 2.90"
Lubrication Capacity (with filter)	5.4 Qts
Battery Recommendation (min. cold cranking amps)	525

- Battery, battery rack, and cable supplied
- Spin-on oil filter
- Thermostat controlled liquid cooling system
- Glow plugs
- 12V engine alternator
- 12V starter motor

Trailer

Standard Hitch	2" Ball
Trailer Tongue	Removable
Trailer Lights	DOT Approved
Transport Tie-downs	Standard
Tires	205 / 75D14
Towing Speed (MPH)	60

Fuel System Specifications

Fuel Consumption	**GPH**
Full Load	0.5
Approximate Run Time	**Hours**
Full Load	100
Fuel Capacity	
Gallons	50
Fuel	Diesel

Weights and Dimensions

Weight Without Fuel	1800
Dimensions Stowed (L x W x H)	162” x 54” x 73”
Dimensions Extended (L x W x H)	106” x 122” x 396”

Sound Level

Sound level dB(A) 72
Measured @ 7 meters, full load

Engine, Generator Instrumentation

Digital controller with integral hour meter, operator keylock, engine preheat, and engine start selection. Low oil, high temperature, low battery, and overspeed protection with LED indicators.

Receptacle Specifications

120 Volt 20 Amp Duplex GFCI	1
120/240 Volt 30 Amp Twistlock (L630R)	1
Voltage Regulation	± 5%
Frequency	60 Hz

Baldor reserves the right to implement specifications or design changes without notice.

WARNING: Do not connect generator to any building’s electrical system unless a disconnect switch has been installed.

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