

LitePOWER®

Movie Quiet® 140KW Generator (1200 Amps)



The LitePOWER® 140KW Movie Quiet® Generator is one half the size of our competitor's. 1200 amps in a package that weights only 6400 pounds including trailer and 150 gallons of fuel. The performance of a large generator that's light enough to be towed with a half-ton truck.

As with all LitePOWER® products, the 140KW Generator is automated for simple, worry-free operation. We use only the highest quality components such as Cummins, Marathon Electric, Woodward, Cutler Hammer and, of course, the trend setting controls from Controls, Inc.

Got a problem or a question? Service, operation and technical information about our LitePOWER® products is available on our website www.litepower.com. Still got a question? Our toll free service number is available 24/7. **800 474-8111**.

Manufactured by: **Burrell Enterprises, Inc.**

toll free: (800) 474-8111 • (972) 475-8111 • www.litepower.com

LitePOWER®

Movie Quiet® 140KW Generator

1100 Amps continuous, 1200 Amps standby @ 120 Volts
All LitePOWER generators are available in 50hz configurations,
please inquire for specifications

Specifications

Engine

Cummins 6BTA5.9-G3 turbocharged, after-cooled, 207 bhp, 6 cylinder diesel. Meets EPA Mobile Off Highway, and California SCAQMD and CARB permitting requirements. Maximum output: 1100 Amps continuous, 1200 Amps standby @ 120 Volts.

Frequency Control

Woodward digital electronic controller with integrated actuator. No external linkage to maintain. Crystal accuracy for HMI lighting.

Controller

Engine control and monitoring, AC monitoring, fault and pre-fault systems are provided by a microprocessor-based system. All readouts are digital and are listed below. Weather-proof glass cover.

Monitoring

AC Voltage - All Legs
Amperage - All Legs
Frequency - All Legs
Oil Pressure
Water Temperature
Battery Voltage
Fuel Level
Time To Next Service

Faults and Pre-Faults

Oil Pressure Fault/Pre-Fault
Water Temp Fault/Pre-Fault
Over Crank Fault
Over Speed Fault
Low Fuel Fault and Pre-Fault
Low Battery Pre-Fault
Defective Oil Sending Unit Pre-Fault
Defective Water Sending Unit Pre-Fault

Generator

Lima/Marathon MagnaPLUS 125KW (1,041 amps @ 120V) three phase. 75KW (625 amps @ 120V) single phase @ class F 130 deg rating. 135KW (1,125 @ 120V) three phase, 80KW (667 amps @ 120V) single phase @ class H 150 deg rating. Marine rated rectifier with surge suppression. CSA listed.

Voltage Regulator

Lima/Marathon SE 350A with remote voltage adjustment. UL and CSA listed.

Circuit Breaker

400 amp breaker protects equipment in either single or three phase. Weather-proof glass cover. UL and CSA listed.

Electrical Connection

USA - 18 hole Cam-Lok - E1016 panel includes 3 male grounds, 3 female grounds, 3 neutral, 3 leg one, 3 leg two and 3 leg three. Two Edison 20A outlets with 20A breakers and one 100A Union connector with 100A breaker provided for convenience outlets. CANADA - Cam-Loc 1016 replaced with 400A Ball Nose Connectors. UL and CSA listed.

Dimensions

Generator: L 84" W 36" H 62"
Generator with 150 gallon tank: L 84" W 73" H 74"
Generator, 150 gallon tank, trailer: L 154" W 90" H 87"

Noise Level

Less than 50 dB(A) @ 50 feet.

Optional Accessories

Remote Annunciator

Remote monitoring of engine and generator via cable. Operates up to 1700 yards. Includes 50' cable.

Paralleling System with Vacuum Contactor

"The most advanced, comprehensive paralleling solution available today." Four functions in one:

Display and Programming Panel
Isochronous Load Sharing
Auto-Synchronizer
Load Management

Electronic Service Kit

Provides total redundancy of all electronic parts. Each component can be installed in less than ten minutes. Includes:

Woodward Engine Speed Controller
Magnetic Pick-up
Engine/Generator Board Set
Voltage Regulator
Voltage Adjust Pot

480 Volt

277/480 Volt 3 phase in addition to standard voltages.

Trailer

2 Dexter Torflex axles, 15" aluminum wheels with C rated tires, surge hydraulic brakes with LitePOWER Brake Retarder or Electric Brakes, 3 position coupler with your choice of 2" ball, 2-5/16" ball or drawbar (for Pintle Hook), DOT lighting and markings, 7000 lbs. (3174 kg) GVW standard.

Fuel Tank

150 gallons. Required for LitePOWER trailer but not for truck or stationary mounting. Includes integrated fork pockets and guide pin location for easy mounting to trailer.

Jockey Box Tanks

Dual 60 gallon tanks for truck mounting.

Running Time - with 150 gallon tank

Load	% of Load	Hours
1200A	100%	14:20
1100A	92%	15:45
825A	69%	20:50
550A	46%	28:50
275A	23%	55:30

Weight - Generator

Including fluids: 4015 lbs. (1825 kg)

Weight - Complete Package

Generator, 150 Gallon Tank, Trailer and Fuel: 6400 lbs. (2909 kg)



60KW Load Bank

Description: The LitePOWER 60KW Load Bank was designed to test generators for fuel flow, cooling and general operation at full load. It is small, portable, quiet, and simple to operate. One required for LitePOWER 60KW, 2 for 140KW and 3 for 200KW.

Operation: There are just four switches, each controls 25% of the load.

Output: 500 amps @ 120 volts AC or DC three phase, 333 amps @ 120 volts AC or DC single phase.

Electrical Connection: UL listed, Cam-Lok E1016 connectors.

Size: Length: 30", Width: 30", Weight: 150 lbs. (68 kg).

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