

LitePOWER®

Movie Quiet® 60/130KW Insert Generator

Patents Pending



The LitePOWER 60/130KW Movie Quiet® Insert Generator was designed specifically for one purpose... to be installed as an integral part of a grip/electrical truck body requiring a minimum of space. This is not an adaptation of an existing product so no design compromises were required. It fits in 66 inches of space, weighs less than 4000 pounds and delivers as much as 1100 amps! All routine service items are accessible from the end of the generator housing and can be serviced while standing on the ground.

As with all LitePOWER products, the Insert Generator is automated for simple, worry-free operation. We use only the highest quality components from the leading suppliers such as Cummins, Newage, Woodward/Barber-Colman and 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. **866 474-8111**.

Burrell Enterprises, Inc. / Burrell Generators, Inc.

toll free: (866) 474-8111 • www.litepower.com

Movie Quiet® 60KW Insert Generator

500 Amps @ 120 Volts

All LitePOWER generators are available in 50hz configurations, please inquire for specifications

Specifications

Housing Module

Built on fork pockets for easy installation. 4 swing open / lift off doors for total access. All service items located on end of housing for easy maintenance. Lube oil dip stick, lube oil fill, lube oil drain, lube oil filter, fuel inlet, fuel outlet, fuel filters, engine speed actuator, battery, air filter and coolant recovery tank can be serviced from ground level. Control and Output Modules plug into this housing. Requires only 66 inches of space.

Remote Output Panel

Plugs into generator housing with flexible cable. Mounts to outside of truck body. Contains output connectors, main and auxiliary circuit breakers, convenience outlets and connection for engine block heater. Made entirely of brushed stainless steel.

Remote Control Panel

Plugs into generator housing with flexible cable. Can be mounted in various locations. Contains engine/generator controller, engine speed controller, voltage regulator, 20A convenience outlet and emergency breaker shut-off switch. Made entirely of brushed stainless steel.

Engine

Cummins 4BT3.9-G4 turbocharged, after-cooled, 99 bhp, 4 cylinder diesel. Meets EPA Mobile Off Highway, California CARB and SCAQMD requirements. Equipped with filter for crankcase breather and oversized air filter for clean operation in and out of the engine.

Frequency Control

Woodward digital electronic controller with actuator integrated into fuel injection pump. No external linkage to maintain. Controller mounted in remote control panel. Crystal accuracy for HMI lighting.

Controller

Engine control, 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. Mounted in remote control panel.

Monitoring	Faults and Pre-Faults
AC Voltage - All Legs	Oil Pressure Fault/Pre-Fault
Amperage - All Legs	Water Temp Fault/Pre-Fault
Frequency - All Legs	Over Crank Fault
Oil Pressure	Over Speed Fault
Water Temperature	Low Fuel Fault and Pre-Fault
Battery Voltage	Low Battery Pre-Fault
Fuel Level	Defective Oil Sending Unit Pre-Fault
Time To Next Service	Defective Water Sending Unit Pre-Fault

Generator

Stamford/Newage UCI 224G. Low Wye (120/208) 75KW. Optional - Hi Wye (277/480) 83KW. Optional, ZigZag (120/240) 62.5KW. 2/3 pitch windings avoid excessive neutral currents. Class H insulation. CSA listed.

Voltage Regulator

SE 350 with voltage, stability and under frequency roll-off adjustments. UL and CSA listed. Mounted in Remote Control Panel.

Circuit Breaker

250 amp breaker protects equipment in either single (if equipped) or three phase. Weatherproof stainless steel cover. UL and CSA listed. Mounted in remote output panel.

Electrical Connection

12 UL listed Cam-Lok type connectors as follows: 2 male ground, 2 female ground, 2 neutral, 2 leg one, 2 leg two and 2 leg three. 1 Edison 20 amp outlet and one Bates 100 amp provided for convenience outlet. For Canada 60 amp Joy connector used. NEC approved panel with CSA / UL components. Mounted in remote output panel.

Optional Accessories

Installation in Your Truck or Trailer Body

Requires a 48" side door, preferably on street side. Requires bulkhead 66 inches back from front wall with small access door. Requires installation of Remote Output Panel and Remote Control Panel. Requires provision for air inlet from floor and air outlet in roof. Can be performed at any truck body service center or our location in Toronto. Instructions and engineered drawings are available.

Electronic Service Kit

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

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

Single Phase Option

- 2 position switch with following voltages:
 - 120 / 240 Single Phase (Zig Zag)
 - 120 / 208 Three Phase (Lo Wye)

480 Volt Option

- 3 position switch with following voltages, includes current limiting.
 - 120 / 240 Single Phase (Zig Zag)
 - 120 / 208 Three Phase (Lo Wye)
 - 277 / 480 Three Phase (Hi Wye) also used for 50 hz / 220 operation.

Size/Weight

Length: 85", Width: 36-1/2", Height: 68", Weight: 3400 pounds (1636 kg)

Fuel Consumption

Load	Gallons/Hour
500A	4.15
375A	3.20
250A	2.37
125A	1.43

Noise Level

Less than 48 db(A) @ 50 feet when installed in truck body.

LitePOWER Insert Generator Benefits



- No need to purchase generator truck or trailer and tow vehicle.
- No need to insure and license these vehicles
- No need to maintain these vehicles
- No need to park these vehicles on location and store them when not in use

Movie Quiet® 130KW Insert Generator

1100 Amps @ 120 Volts

All LitePOWER generators are available in 50hz configurations, please inquire for specifications

Specifications

Housing Module

Built on fork pockets for easy installation. 4 swing open / lift off doors for total access. All service items located on end of housing for easy maintenance. Lube oil dip stick, lube oil fill, lube oil drain, lube oil filter, fuel inlet, fuel outlet, fuel filters, engine speed actuator, battery, air filter and coolant recovery tank can be serviced from ground level. Control and Output Modules plug into this housing. Requires only 66 inches of space.

Remote Output Panel

Plugs into generator housing with flexible cable. Mounts to outside of truck body. Contains output connectors, main and auxiliary circuit breakers, convenience outlets and connection for engine block heater. Made entirely of brushed stainless steel.

Remote Control Panel

Plugs into generator housing with flexible cable. Can be mounted in various locations. Contains engine/generator controller, engine speed controller, voltage regulator, 20A convenience outlet and emergency breaker shut-off switch. Made entirely of brushed stainless steel.

Engine

Cummins 6BTA5.9-G3 turbocharged, after cooled, 207 bhp, 6 cylinder diesel with premium cylinder head and high durability components from factory. Meets EPA Mobile Off Highway, California CARB and SCAQMD requirements. Equipped with filter for crankcase breather and oversized air filter for clean operation in and out of the engine.

Frequency Control

Woodward digital electronic controller with actuator integrated into fuel injection pump. No external linkage to maintain. Controller mounted in remote control panel. Crystal accuracy for HMI lighting.

Controller

Engine control, 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. Mounted in remote control panel.

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

Stamford/Newage UCI 274F. Low Wye (120/208) 145KW. Optional - Hi Wye (277/480) 165KW. Optional, ZigZag (120/240) 108.8KW. 2/3 pitch windings avoid excessive neutral currents. Class H insulation. CSA listed.

Voltage Regulator

SE 350 with voltage, stability and under frequency roll-off adjustments. UL and CSA listed. Mounted in Remote Control Panel.

Circuit Breaker

350 amp breaker protects equipment in either single (if equipped) or three phase. Weatherproof stainless steel cover. UL and CSA listed. Mounted in remote output panel.

Electrical Connection

12 UL listed Cam-Lok type connectors as follows: 2 male ground, 2 female ground, 2 neutral, 2 leg one, 2 leg two and 2 leg three. 1 Edison 20 amp outlet and one Bates 100 amp provided for convenience outlet. For Canada 60 amp Joy connector used. NEC approved panel with CSA / UL components. Mounted in remote output panel.

Optional Accessories

Installation in Your Truck or Trailer Body

Requires a 48" side door, preferably on street side. Requires bulkhead 66 inches back from front wall with small access door. Requires installation of Remote Output Panel and Remote Control Panel. Requires provision for air inlet from floor and air outlet in roof. Can be performed at any truck body service center or our location in Toronto. Instructions and engineered drawings are available.

Electronic Service Kit

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

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

Single Phase Option

2 position switch with following voltages:
120 / 240 Single Phase (Zig Zag)
120 / 208 Three Phase (Lo Wye)

480 Volt Option

3 position switch with following voltages, includes current limiting.
120 / 240 Single Phase (Zig Zag)
120 / 208 Three Phase (Lo Wye)
277 / 480 Three Phase (Hi Wye) also used for 50 hz / 220 operation.

Size/Weight

Length: 85", Width: 36-1/2", Height: 68", Weight: 4017 pounds (1825 kg)

Fuel Consumption

Load	Gallons/Hour
1100A	8.00
825A	5.90
550A	4.00
275A	2.30

Noise Level

Less than 48 db(A) @ 50 feet when installed in truck body.

60KW Load Bank

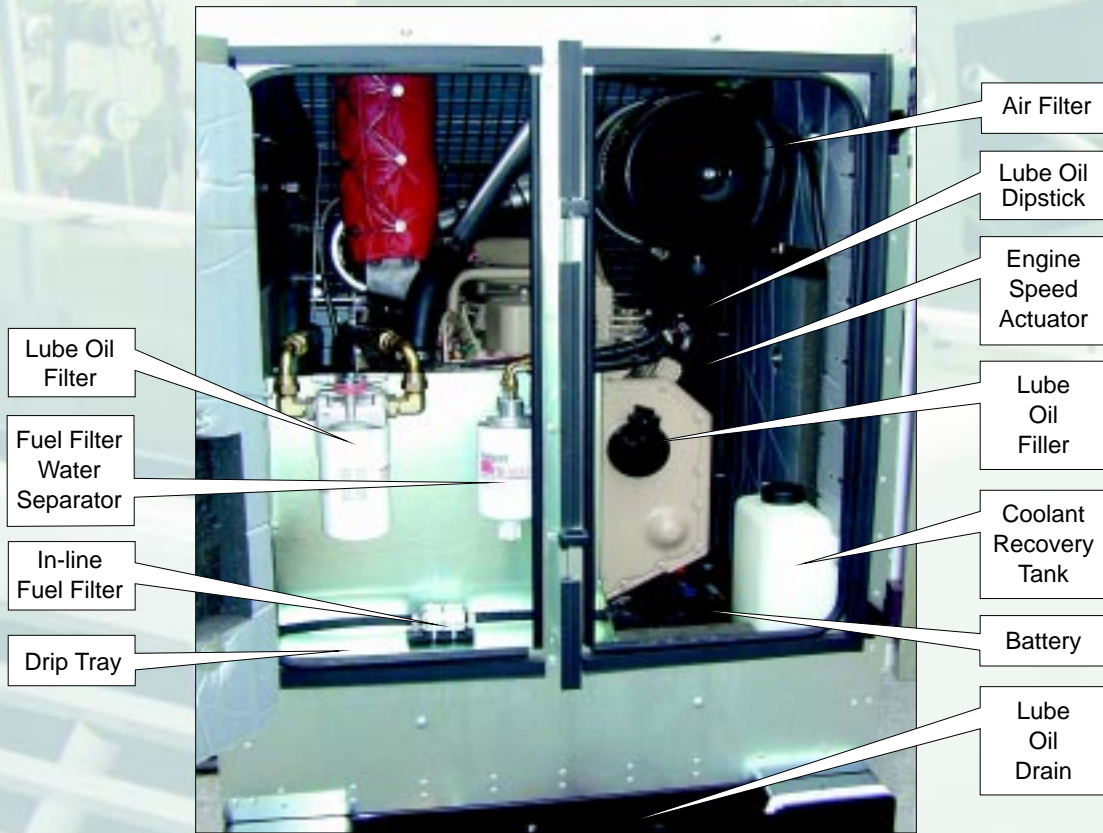
Description: The LitePOWER 60KW Load Bank was designed to test generators for fuel flow, cooling and general operation at full load. It is small, portable, quiet, and simple to operate. One required for LitePOWER 60KW, 2 for 140KW and 3 for 200KW.

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).

LitePOWER Movie Quiet® 60/130KW Generator



Easy loading with integrated fork pockets



Bulkhead mounted control panel



Control panel plugs in for easy installation



Four access doors swing open and/or lift off



All service items accessible from ground level



Remote mounted output panel

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