

LitePOWER®

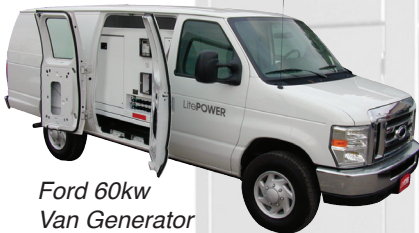
Movie Quiet® Generators



60kw Generator



60kw
Camera Car
Generator



Ford 60kw
Van Generator



70kw Generator



140kw Generator



Sprinter 140kw
Van Generator



220kw Generator

Burrell Enterprises, Inc. manufactures LitePOWER® generators at facilities in Texas and California. LitePOWER® generators are designed specifically for the Motion Picture and Entertainment industries, but can be used anywhere extremely low noise levels and portability are important.

Our LitePOWER® generators are manufactured with quality components from manufacturers such as Cummins, Newage, Marathon and Controls, Inc. and are selected because of performance, not cost.

- **LitePOWER® 60kw Generator.** The lightest, quietest generator in it's class and delivers a full 500amps in both single and three phase. In continuous production for 16 years.
- **LitePOWER® 60kw Camera Car Generator.** New "downdraft" design. 500 amps, 37" high, 36" wide and 2800 pounds. A new generation of Camera Cars is now possible.
- **LitePOWER®/Ford 60kw Van Generator.** Full-featured 500 amp generator in an economical Ford E350-Series Van. Runs with doors closed for inconspicuous, silent operation.
- **LitePOWER® 70kw Generator.** Our second LitePOWER® generator utilizing the all-new electronic Cummins engine. 600 amps with an integral 80-gallon fuel tank.
- **LitePOWER® 140kw Generator.** One half the cubic size of the traditional housings and light enough to be mounted on a one-ton truck. With trailer and 150 gallons of fuel it weighs just 6,400 pounds. 1,200 amps of power that can be towed with a half-ton vehicle.
- **LitePOWER®/Sprinter 140kw Van Generator.** We call it the Stealth Generator. You can't see it and you can't hear it! 1200 amps of power with a stock bodied Sprinter Van that runs with all doors closed for inconspicuous operation.
- **LitePOWER® 220kw Generator.** Conservatively rated at 1,800 amps in all temperatures. Traditional size housing. With trailer and 200 gallons of fuel it is less than 10,000 pounds and is only 108 inches tall. Our newest, most technologically advanced generator.

Operating instructions and service information are available at our website www.litepower.com. Additional information or help is always available by calling us at 800 474-8111. We answer this phone 24/7 and will be happy to hear from you.

Mission Statement

To create LitePOWER products with such high quality standards and technical innovations that they will inspire high demand and ensure future growth of the company.

Burrell Enterprises, Inc.

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LitePOWER®

Movie Quiet® Generators

“Green” LitePOWER Generators



At Burrell Enterprises, we have been “GREEN” longer than it has been popular. Anyone can paint a generator green and call it environmentally friendly. We go way beyond that. Our LitePOWER® generators and our manufacturing processes are the epitome of being friendly to our environment. We have three environmental considerations when we design and manufacture our LitePOWER® equipment; direct impact from emissions, conservation of resources and recycling.

Direct Impact On The Environment From Emissions

Exhaust emissions, crankcase vent emissions and fuel leakage have a direct impact on the environment. Manufacturing processes can also have a direct impact:

- We have no direct control of the **exhaust emissions**. The engine manufacturers build our engines to the latest available technology as dictated by the EPA. We commissioned a study comparing our old LitePOWER® 200kw with the new LitePOWER® 220kw. In a typical year of operation we saved 3.5 metric tonnes of **greenhouse gases**. This number will be far greater when compared to older equipment.
- This performance is enhanced by our enclosure and packaging. In addition to operating the engine at the proper temperature (in all ambient temperatures) we create less parasitic horsepower loss by replacing the inefficient propeller-cooling fan with a **centrifugal blower**. The propeller fan, as supplied for our 220kw draws 43 horsepower from the engine at all times. Competitors replace that fan with one that requires even more power. We replace it with our centrifugal blower, powered by a 7.5 horsepower motor, which operates at about 4 horsepower. This is a continuous savings of 39 horsepower, a lifetime benefit. LitePOWER® generators deliver more power with fewer emissions and less fuel usage per kw.
- All LitePOWER® generators built after June of 2007 are rated to use **biodiesel fuel**. Using biodiesel fuel greatly reduces exhaust emissions, is less toxic and is a renewable resource. Some LitePOWER® generators have been using 100% biodiesel for the last 8 years with no side effects.
- Diesel engines vent **crankcase gases** to the atmosphere. Crankcase emissions, or blow-by is the result of high-pressure gases and oils escaping around the piston rings into the crankcase then, via a vent, into the atmosphere. Blow-by is an oily mist comprised of aerosol and larger oil particles. All LitePOWER® generators are now fitted with lifetime filters that trap these particles and return them to the oil pan eliminating airborne aerosols and oil drip.
- Diesel **fuel spills** are very common with generators mounted on trailers. This occurs because diesel fuel can thermally expand 5 percent. Most generator/trailer packages do not account for this in the design. As a result these packages spill fuel in the warm weather if they are “accidentally” filled all the way to the top. On a 160-gallon tank this can be as much as 8 gallons! This is amazing and totally unacceptable. Every LitePOWER® Generator on a LitePOWER® Trailer has either a separate expansion tank or a generous amount of air space in the top of the tank for expansion. Our LitePOWER® Generators will not leak fuel due to thermal expansion. Fill them to the top without worry.
- LitePOWER® products, including generators and trailers, are painted with a **powder coat paint process**. Paint, in powder form, is electrostatically applied then baked in an oven. Every part and assembly is coated on both sides before final assembly begins. We are the only manufacturer in our industry to use this process. For the environment, powder coatings offer many benefits. Solvents are not used in the powder coating process; no damaging, volatile vapors are released during application, and powder overspray can be reclaimed for subsequent use. Powder Coatings are environmentally friendly and there is no waste.

Conservation of Resources and Recycling

- LitePOWER®. Our name says it all. We do more with less. Our LitePOWER® generators are engineered to weigh less and take up less space. How does this affect the environment? Our LitePOWER® generators weigh as much as 4,000 pounds less than our competitors. We use less of our **natural resources** to produce them. Logistically we have less infrastructure usage because we are moving less material. Our customers have less weight to haul and can use smaller, more fuel-efficient vehicles. This is a lifetime benefit and it pays off every time the generator is moved.
- LitePOWER® Generators are designed to last 25 years. We have been building them for 16 years and all but a few that were wrecked are still in service. When the time comes to permanently take a LitePOWER® generator out of service 98% (by weight) of the generator and trailer can be **recycled**.

Summary

There is no specific definition of a “GREEN” generator. We have no rules or guidelines to follow but we have a responsible attitude about our LitePOWER® products’ impact on the environment. We take this responsibility seriously and are proud of the results.

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