



AMP SYSTEMS

ALTERNATIVE MOBILE POWER SYSTEMS



Mobile Electric Generator Alternatives

AMP Systems designs and manufactures mobile solar and battery based power systems as an alternative to traditional fossil-fueled generators. Mobile renewable energy and battery backup systems have many benefits over engine driven generator sets. In addition to being completely silent and eco-friendly, our systems provide reliable easy-to-use power with significantly reduced maintenance and dramatic savings in operational costs.

Silent

Our systems are completely silent, allowing for placement close to the point of use without causing audible interruption of communications, worker fatigue, and noise pollution. Radio communications, press conferences, and meetings can be held without the distraction of a generator engine. Personnel are protected from damaging and tiring noise, improving safety, morale, and productivity. Sensitive areas and neighborhoods are spared the irritation of generator sounds.

Eco-Friendly and Efficient

Gasoline and diesel fueled generators are an extremely inefficient means of providing power to remote sites. They are often oversized for the task and rarely operate continuously at optimal output levels. Fuel is burned unnecessarily, even when no electrical load is present. A battery based mobile energy system efficiently uses stored energy to deliver power to loads as needed. Our systems are recharged using photovoltaic solar modules or by plugging into clean and efficient electric utility power, much like an electric vehicle.

Cost Effective and Reliable

The investment in an Alternative Mobile Power System results in elimination of fuel requirements for mobile power needs. Free solar energy and low-cost utility electric power is used to store energy for mobile use. Based on proven renewable energy components used in thousands of homes and businesses, our mobile power systems will produce energy for many years with almost zero maintenance of electrical components. With no moving parts, our systems far outlast engine-driven generators. This combination of no fuel, no engine maintenance, no training, and long life results in significant operational budget savings and depreciation over the life of the system.

Mobile

Tow to any emergency, event, scene, or remote area where electrical power is needed. Modest towing capacity requirements mean many vehicle types can be used. The trailer operates independently of the tow vehicle. No engine to start/stop and refuel allows for extended power generation on site without monitoring.



Design & Manufacturing Capability... prepared to build mobile energy systems for large and small solar electric and battery backup requirements.

AMP Systems offers standard configurations or will custom design and build a mobile power system based on your specific requirements on a variety of platforms.

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