

Portable Power Statistics Committee Product Definitions and Quick Links

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Light Towers (LT01)

Light Towers illuminate areas at night for construction sites, special events, to mines and to oil fields. These units are powered by diesel generators with multiple illuminators and are towable mobile machines, moved by a truck or forklift (not a fixture to any site).

Reporting Classification: ISO Kilowatt of Engine



Light Towers Alternative Power Source (LT02)

Light Towers illuminate areas at night such as construction sites, mines, oil fields and special events. These machines originate their primary power source by other means than diesel (solar, hybrid, hydrogen or external source of power). If a generator is onboard, it serves as a backup power source, only activating when the battery charge is low or during periods of insufficient sunlight, ensuring continuous operation. The machines are equipped with multiple illuminators and are towable mobile machines, moved by a truck or forklift (not a fixture to any site). (“Diesel-only” light towers are not included in this category; those can be reported in LT01).

Reporting Classification: Combined Wattage of Illuminations.



Portable Air Compressor (PA04)

Portable air compressors are defined as: "a self-contained unit with or without fuel tank. A unit consists of an air compressor, Diesel, Electric or Gas prime mover (driver or power source), cooling system, and starting system. Additionally, oil flood rotary units are equipped with an oil-air separator system, which also acts as an air receiver. Since skid-mounted units are easily made by removing the portable running gear, they will be classified with the portable units."

Reporting Classification: FAD in CFM/ Pressure in PSIG



Portable Generators (GN01)

Portable Generators are used for work, home, recreation or work sites for emergency power for appliances, lighting, small pumps and small tools. These units are not trailered and are carried or rolled manually. These generators are gasoline powered and range up to 15 kVA.

Reporting Classifications: Based on maximum kVA



Mobile Generators (GN02)

Mobile Generators are used for light to medium duty temporary power needs and require a trailer to move. These generators are diesel powered rated on 480V 3 Phase power if offered, otherwise single phase.

Reporting Classifications: Based on kVA Prime Power Rating



Stationary (Standby) Generators (GN03)

All stationary generator sets utilized in the generation of electrical power for general residential, commercial, utility, construction and rental applications including energy utilities, communications, commercial and residential buildings, agricultural, construction, mining, manufacturing, public and civil services and rental. This category should not be used for Petroleum, Locomotive or Marine electric power applications. These generators can be diesel, bio-diesel or gaseous (natural gas, landfill gas, digger gas, etc) powered

Reporting Classifications: Based on kVA

