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DPG-1000KW-SMDE-3PH-480V.60HZ-110G

1000 kW/1250 kVA Portable Diesel Generator – 480V 3-phase 60 Hz, 110 Gallon Fuel Tank – Aluminum Enclosure/Skid Mount

Product ID: 314966

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

DPG-1000KW-SMDE-3PH-480V.60HZ-110G Portable Generator

Engine: Mitsubishi S12H-Y2PTAW-1
Standby Power: 1000 kW/1250 kVA
Prime Power: -
Voltage: 480V AC, 3-phase
Frequency: 60 Hz
Amps: 1505A @ 480V
Circuit Protection: 100%/125% Rated Circuit Breakers
Engine Displacement: 37.1L
Engine Type: 4-cycle, Liquid Cooled, Turbo
Engine Cylinder: 12
Engine Speed: 1800 RPM
Governor: Electronic
Fuel Consumption at 75% Load: 59.7 Gal/hr
Tank Capacity: 110 Gallons
Tank Type: -
Fuel Type: Diesel (ASTM N0. 2-D)
Combustion: Direct Injection
Load Insulation: Class H, 180C
Oil System: Full Pressure, (6) Oil Filter Cartridge
Cooling System: Air to Air, Charged Air Cooler w/ Self-sealing Coolant Pump
Alternator 24V/55A, Self Ventilating and Drip-proof
Controller: Deep Sea 7420MKII with Stop-Manual-Automatic Modes
Controller Measurements: Generator Status, Meter, Power and Fuel Levels
Controller Communication: Modbus-RTU/TCP RS484, RS232
Controller Safety: Low Oil Pressure, High Engine Temperature, Low Radiator Level, Alarms, Battery Fail, Engine Fail to Start, Overspeed, Underspeed, Over/Under Voltage
Enclosure Material: Aluminum with Powder Coated Finish, SS Hardware
Enclosure Doors: (6)
Enclosure Type: Weatherproof/Soundproof, Vented
Mount: Skid Mount with Skid Pockets and Lifting Eyes
Dimensions: 258"L x 121"H x 96"D
Weight: 25525 lbs

Ratings/Approvals

UL2200, UL1446, UL508, UL142, UL498
NFPA 110, 99, 70, 37
NEC 700, 701, 702, 708
NEMA ICS10, MG1, ICS6, AB1
ANSI C62.41, 27, 59, 32, 480, 40Q, 81U, 360-05
H Insulation Class
Fan Cooled
Level 2 Enclosure Silencer

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The Larson Electronics DPG-1000KW-SMDE-3PH-480V.60HZ-110G Portable Generator is a diesel fuel type unit with a heavy-duty 1,800 rpm, 12-cylinder Mitsubishi S12H-Y2PTAW-1 engine. This fan cooled unit

supports three-phase 480V AC 60 Hz power. A controller allows operators to monitor power usage and status in real-time.

Features: The DPG-1000KW-SMDE-3PH-480V.60HZ-110G is designed for large-scale portable power applications. On standby, the unit generates 1000 kW/1250 kVA during use. Compatible with three-phase 480V AC 60 Hz power, the 4-cycle liquid cooled engine generates 1528 bhp maximum power on standby. The 12-cylinder engine features an electronic governor. Fuel consumption is 59.7 gal/hr at 75% load. The fuel tank can hold up to 110 gallons of diesel fuel. Equipped with an electronic ignition system, a self-ventilating and drip-proof alternator supports this generator during operation.

For real-time monitoring, operators can utilize the generator's digital control system providing stop, automatic and manual modes. The controller has programmable contact input and outputs. Operators can expand communication with the the controller using RS232, RS484, USB and controller software. The following safety features are available on the controller: Low Oil Pressure, High Engine Temperature, Low Radiator Level, Alarms, Battery Fail, Engine Fail to Start, Overspeed, Underspeed and Over/Under Voltage.

The portable generator is protected by a weatherproof powder coated aluminum enclosure. The enclosure is equipped with a level 2 critical grade silencer, helping reduce operational noise in work areas. The ventilated enclosure features six doors for access to system components. Skid pockets and lifting eyes are available for transportation around jobsites.

Applications: This portable generator is suitable for use in remote locations, such as temporary camps, construction sites, military bases and areas without reliable access to the grid. It can be utilized to power a wide range of heavy-duty tools and equipment, including laptops, portable machines and mobile devices. The unit's robust power options offer flexibility in environments where access to reliable power sources is severely limited.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Frequently Asked Questions (FAQ)