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DPG-10KW-SMDE-1.3P-120.240V-120.208V-50.60HZ-IP23

10 kW / 10.4 kVA Rugged Mobile Power Diesel Generator – 120/240V 1-Phase & 120/208V 3-Phase 50/60 Hz, IP23 – Skid Mount, Military Configuration

Product ID: 335874

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).

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-10KW-SMDE-1.3P-120.240V-120.208V-50.60HZ-IP23 Rugged Mobile Power Diesel Generator

Engine: Cummins/Onan Military Diesel Engine
Standby Power: 10 kW / 10.4 kVA
Prime Power: 9 kW / 9.5 kVA
Voltage: 120V, 120/240V 1-Phase; 120/208V 3-Phase AC
Frequency: 50/60 Hz (400 Hz capable)
Frequency Regulation: Isochronous
Engine Displacement: ~0.7–1.0L
Engine Type: Naturally Aspirated, Liquid Cooled
Engine Cylinder: 2
Engine Speed: 1500/1800 RPM
Governor: ISO 8528
Fuel Consumption at 75% Load: 2.0–2.5 L/hr
Tank Capacity: 18–25 L
Power Factor: 0.8
Fuel Type: Multi-Fuel (JP-8, Diesel, JP-4)
Bore x Stroke: 75 x 72 mm
Maximum Standby Power: 11 kW (60 Hz peak)
Compression Ratio: 20:1
Rotation: Counter Clockwise
Alternator Design: Brushless, Permanent Magnet / Revolving Field
Stator: 2/3 Pitch
Rotor: Single Bearing, Flexible Disc
Load Insulation: Class H
Controller: Advanced Digital Control System (ADCS)
Controller Safety: Low Oil Pressure, High Temperature, Overspeed, Over/Under Voltage, Overload, Fail to Start
Enclosure Material: Heavy-Duty Steel, Powder-Coated (Military Green)
Enclosure Doors: Lockable, Gasketed Panels
Enclosure Type: Weather-Resistant / Tactical
Mount: Skid Mount with Forklift Pockets and Lifting Eyes
Dimensions: 55" x 32" x 36"
Weight: 1000 lbs (≈454 kg)

Ratings/Approvals

Class H Insulation
IP23

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
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Made in the USA

The Larson Electronics DPG-10KW-SMDE-1.3P-120.240V-120.208V-50.60HZ-IP23 Rugged Mobile Power Diesel Generator is a multi-fuel unit designed for demanding field and tactical applications. Powered by a heavy-duty military-grade diesel engine, this system supports single-phase and three-phase power output, including 120/240V 1-phase and 120/208V 3-phase AC at 50/60 Hz. An advanced digital control system allows operators to monitor performance, load conditions and system diagnostics in real-time.

Features: The DPG-10KW-SMDE-1.3P-120.240V-120.208V-50.60HZ-IP23 is engineered for rugged mobile power operations in harsh environments. On standby, the unit generates 10 kW / 10.4 kVA during use. Compatible with multi-voltage 1-phase and 3-phase output at 50/60 Hz (with 400 Hz capability), this generator provides reliable power for sensitive and mission-critical equipment. The unit features a brushless alternator and an advanced digital control system (ADCS) for precise regulation and monitoring. Fuel consumption is approximately 2.0–2.5 L/hr at 75% load. Designed for versatility, the generator operates on multiple fuel types, including diesel and JP-8.

The rugged mobile power generator is protected by a weather-resistant, military-grade enclosure finished in tactical green. Skid pockets and integrated lifting points are included for efficient transport and rapid deployment in field operations.

Applications: This rugged mobile generator is suitable for use in remote and demanding environments, such as military bases, forward operating locations, disaster response zones, construction sites and off-grid industrial operations. It can be used to power communication systems, field equipment, mobile command units, tools and other mission-critical devices. The unit's multi-voltage capability and durable construction provide flexibility and reliability where consistent power is essential.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
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