



DCA15SPXU4F

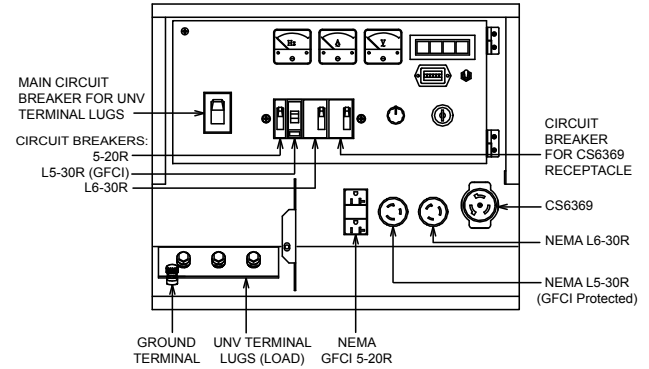
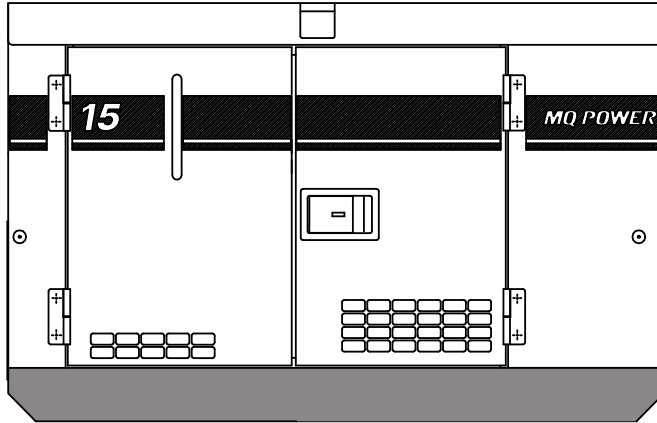
MQ POWER Series Generator



Prime Rating — 14 kW (14 kVA)

Standby Rating — 14.7 kW (14.7 kVA)

Single-Phase, 60 Hertz, 1.0 PF



Generator Control Panel

STANDARD FEATURES

- **Excellent Voltage Regulation** — Voltage is controlled within $\pm 0.5\%$ of mean voltage. External regulator.
- **Main Line Circuit Breaker** — 70 amp rating, thermal-magnetic trip mechanism, 58 amp rating.
- **Brushless Generator Design** — Provides low harmonic currents: superior motor starting.
- **Sound Attenuated, Weather Resistant, Steel Housing** — Provides operation at 64 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- **E-coat and Powder Coat Paint** — Provide durability and weather protection.
- **Internal Fuel Tank** — Holds 16.4 gallons (62 liters).
- **Easy Maintenance Design** — Quick, direct access to all filters. External fluid drain extensions allow fast, easy service.
- **Automatic Safety Shutdown System** — Monitors low oil pressure, high water temperature and battery charge via warning lamp display module.
- **Electronic Governor Control** — Maintains frequency to within $\pm 0.25\%$ from no load to full load.
- **Complete Generator Instrumentation** — Includes 2-pole circuit breaker, AC voltmeter, frequency meter, AC ammeter, hour meter, idle control switch, warning lamp display and ignition switch.
- **Complete Power Panel** — Output terminal lugs and single phase receptacles allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment.
- **EPA Emissions Certified** — Tier 4 emissions compliant.

OPTIONAL FEATURES

- **Automatic Start/Stop Control** — Automatically starts and monitors generator during power failure when used in conjunction with a transfer switch.
- **Jacket Water Heater** — For easy starting in cold climates.
- **Solid State Battery Charger** — Provides fully automatic and self-adjusting charging to the generator's battery system.
- **Fuel/Water Separator** — Effectively separates damaging condensation from fuel.
- **Emergency Stop Switch** — When manually activated shuts down generator in the event of an emergency
- **Single Wall or Double Wall Sub-base Fuel Tanks** — Additional fuel cell for extended run time. Available in a variety of configurations.
- **Trailer Mounted Package (TRLRMP)** — Highway legal trailer with single axle configuration. Extra capacity fuel tank is also available.



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MQ POWER Series Generator

SPECIFICATIONS

Generator Specifications

| | |
|---|--|
| Design | Revolving field, self-ventilated drip-proof, single bearing |
| Armature Connection | Series |
| Excitation | Brushless with AVR |
| Phase | Single Phase (3-wire) |
| Standby Output | 14.7 KW (14.7 KVA) |
| Prime Output | 14 KW (14 KVA) |
| Rated Voltage | 120/240V |
| Power Factor | 1.0 |
| Voltage Regulation (No load to full load) | ±0.5% |
| Generator RPM | 1800 |
| Frequency | 60 Hz |
| No. of Poles | 4 |
| Frequency Regulation: Steady State | ±0.25% of mean value for constant loads from no load to full load. |
| Insulation | Class F |
| Sound Level dB(A) Full load at 23 feet | 64 |

Engine Specifications

| | |
|---------------------------|---|
| Make / Model | Kubota / D1503 |
| Emissions | Tier 4 |
| Starting System | Electric |
| Design | 4-cycle, water cooled, direct injection |
| Displacement | 91.47 in ³ (1,499 cc) |
| No. cylinders | 3 |
| Bore x Stroke | 3.23 x 3.63 in. (83 x 92.4 mm) |
| Gross Engine Power Output | 24.8 hp (18.5 kW) |
| HP at Rated Speed | 18.4 hp (13.7 kW) |
| Compression Ratio | 21.6:1 |
| Engine Speed | 1800 rpm |
| Oil Capacity | 1.48 gallons (5.6 liters) |
| Coolant Capacity | 1.85 gallons (7.0 liters) |
| Starting System | Electric |
| Battery | 12V 70Ah x 1 |

Generator can be placed on MQ Trailer Models TRLRMP, TRLRMPXF and TRLR75XF2.

WARRANTY*

Kubota Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 2000 hours (whichever comes first).

Generator

24 months from date of purchase or +2000 hours (whichever occurs first).

Trailer

12 months excluding normal wear items.

*Refer to the express written, one-year limited warranty sheet for additional information.

Manufactured by Denyo Co.

Your MultiQuip dealer is:



Generators NOW!

4404 W Hillsborough Ave, Tampa FL 33614
1-800-240-1479 www.generatorsnowllc.com
generatorsnowllcsales@gmail.com

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DCA15SPXU4F Rev. #2 (12/13/17)

Fuel System

| | | |
|-------------------------|--------------------------|------------|
| Recommended Fuel | ASTM-D975-No.1 & No.2-D | |
| Fuel Tank Capacity | 16.4 gallons (62 liters) | |
| Fuel Consumption | gph | lph |
| At full load | 1.09 | 4.1 |
| At 3/4 load | 0.80 | 3.0 |
| At 1/2 load | 0.64 | 2.4 |
| At 1/4 load | 0.41 | 1.6 |

Exhaust System

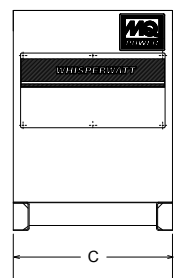
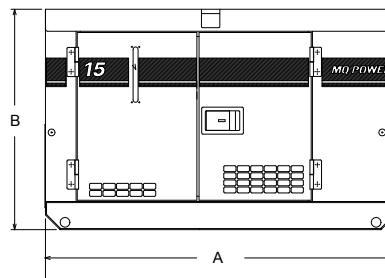
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|----------------------|--------------------------------------|
| Gas Flow (full load) | 109.1 cfm (3.09 m ³ /min) |
| Gas Temperature | 1005.8 °F (541 °C) |

Amperage

| Rated Voltage | Max Amps |
|----------------------------------|----------|
| 120 Volt (UNV Terminals) | 58.3 X 2 |
| 240 Volt (UNV Terminals) | 58.3 |
| 120 Volt (GFCI 5-20R Receptacle) | 20 |
| 120 Volt (L5-30R Receptacle) | 30 |
| 240 Volt (L6-30R Receptacle) | 30 |
| 120/240 Volt (CS6369 Receptacle) | 50 |

Weights and Measurements

| Housing | A | B | C |
|-------------------|---------------------|------------------|------------------|
| | 56.3 in (1430 mm) | 35.4 in (900 mm) | 25.6 in (650 mm) |
| Approx Dry Weight | 1,179 lbs. (535 kg) | | |
| Approx Wet Weight | 1,367 lbs. (620 kg) | | |



NOTICE

Specifications sheet is subject to change and is not intended for use in installation design.



MULTIQUIP
POST OFFICE BOX 6254
CARSON, CA 90749
310-537-3700 • 800-883-2551
FAX: 310-604-3831
E-MAIL: sales@multiquip.com
WEBSITE: www.multiquip.com