



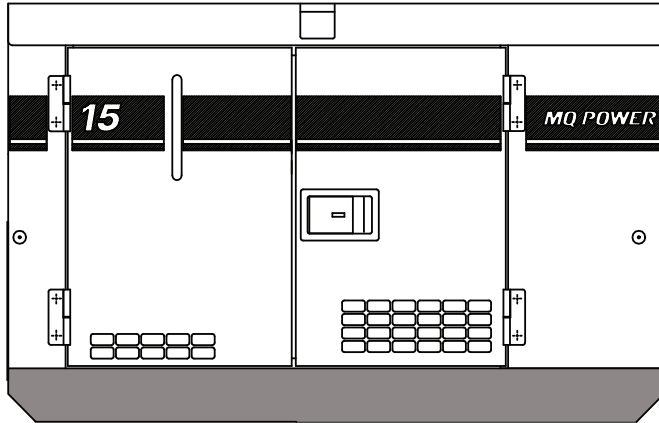
DCA15SPXU4F

MQ POWER Series Generator

Prime Rating — 14 kW (14 kVA)

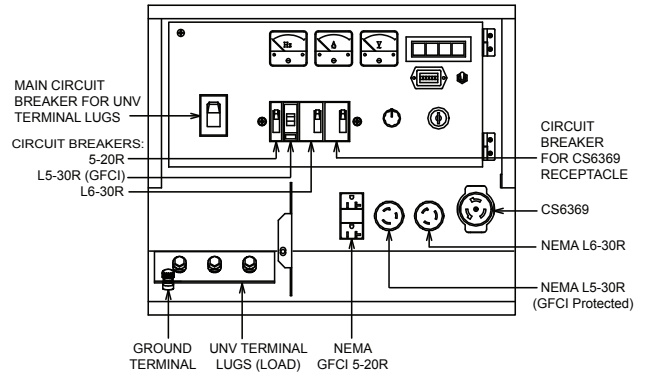
Standby Rating — 14.7 kW (14.7 kVA)

Single-Phase, 60 Hertz, 1.0 PF



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.



Generator Control Panel

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.

NOTICE

Generator is not intended for use in enclosed areas or where free flow of air is restricted.

Backfeed to a utility system can cause electrocution, shock and/or property damage. **DO NOT** connect to any building's electrical system except through an approved device.

Specifications are subject to change without notice.



DCA15SPXU4F

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

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

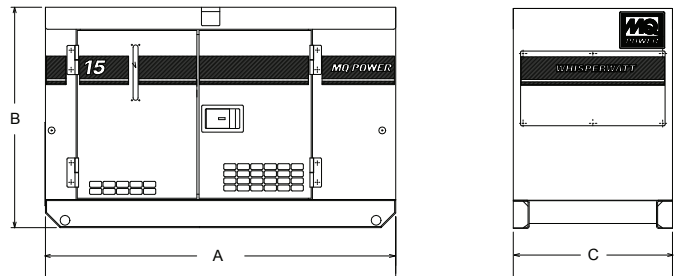
Gas Flow (full load)	109.1 cfm (3.09 m ³ /min)
Gas Temperature	1005.8 °F (541 °C)

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)		



Generator can be placed on MQ Models TRLRMP and TRLRMPXF Trailers.



Manufactured by Denyo Co.

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DCA15SPXU4F Rev. #1 (07/14/14)

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.



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