



# DCA10SPX

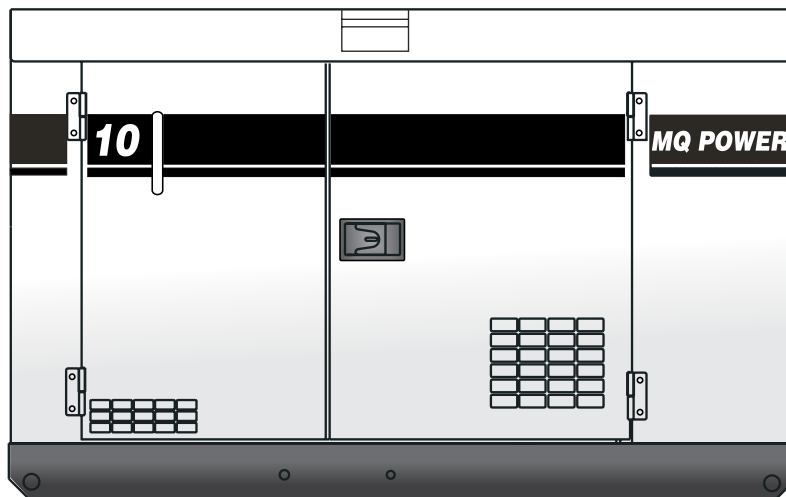
## MQ POWER Series Generator

### WhisperWatt™

**Prime Rating** — 10 kW (10 kVA)

**Standby Rating** — 11 kW (11 kVA)

Single-Phase, 60 Hertz, 1.0 PF



#### STANDARD FEATURES

- **Excellent voltage regulation** — Power is controlled within  $\pm 0.5\%$  of mean voltage. External regulator.
- **Complete power panel** — fully covered; NEMA standard, single-phase receptacles including:
  - 1 - 120V, 20A Duplex with GFI 5-20R
  - 1 - 120V, 30A Twistlock L5-30R
  - 1 - 240V, 30A Twistlock L6-30R
  - 1 - 120/240 50A Twistlock CS6369
- **Mainline circuit breaker** — thermal-magnetic trip mechanism, 45 Amp rating.
- **Brushless generator design** — reduces service and maintenance requirements.
- **Automatic safety shutdown system** — monitors the water temperature and engine oil pressure. Warning lights indicate abnormal conditions.
- **Sound attenuated, weather resistant, steel housing** — Standard baffles and insulation to reduce operating noise levels to as low as 61 db(A) at 23 feet.
- **Easy maintenance single-side design** — provides quick, direct access to all filters. External fluid drain extensions allow fast, easy service.
- **Fully lockable enclosure** — allows safe unattended operation. Single point lifting capability.
- **Complete instrumentation** — Easy-to-read, illuminated control panel.

- **Electronic Governor Control** — maintains frequency to within  $\pm 0.25\%$  from no load to full load.
- **Control Panel instrumentation** — includes voltage regulator control, ammeter, voltmeter, frequency meter, idle switch, alarm lamp (oil, water, charging, pre-heat), hour meter, keyed starter switch and AC circuit breaker.

#### 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 filter** — effectively separates damaging condensation from fuel.
- **Emergency stop switch**
- **Single-wall or double-wall sub-base fuel tanks** — for additional fuel cell for extended run time. Available in a variety of configurations.
- **Trailer mounted package** — 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
No. of Poles	4-pole
Excitation	Brushless with AVR
Number of Leads	4
Generator RPM	1800
Voltage Regulation (No load to full load)	±0.5%
Power Factor	1.0
Frequency	60 Hz
Armature Connection	Series
Insulation	Class F
Sound Level dB(A) Full load at 23 feet	61

#### Engine Specifications

Make / Model	Kubota/ D1503
Emissions	EPA Tier 4 Certified
Design	3-cylinder, 4-cycle, Water cooled, Swirl Chamber
Displacement	1499 cc
Bore x Stroke	3.23 in x 3.63 in (83 mm x 92.4 mm)
SAE Gross Horsepower	24.5 hp
Starting System	Electric
Battery	12V 65Ah x 1
Oil Capacity	1.48 gal (5.6 L)
Coolant Capacity	1.85 gal (7.0 L)

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

### WARRANTY\*

#### Kubota Engine

24 months from date of purchase or 2000 hours (whichever occurs 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.**

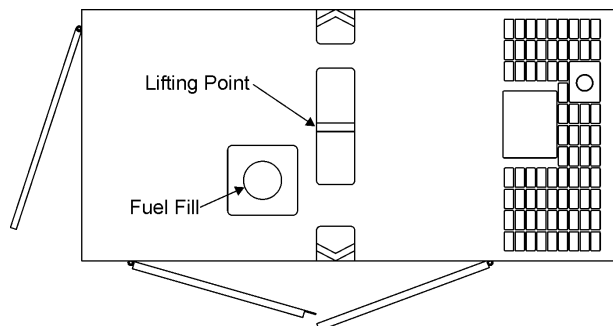
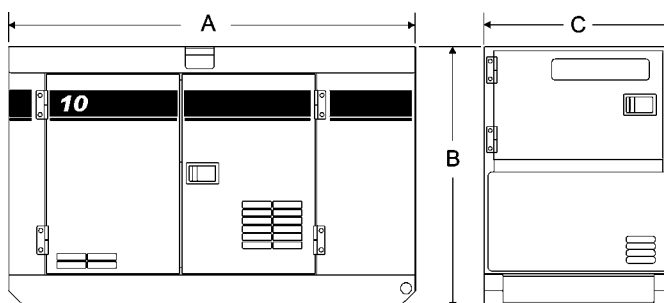
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#### Fuel System

Fuel Tank Capacity	16.4 gal (62.0 L)
Fuel Consumption	
Diesel Fuel at % of Load	gal/hr (L/hr)
100%	0.97 (3.7)
75%	0.75 (2.8)
50%	0.58 (2.2)
25%	0.44 (1.7)

#### Weights and Measurements

Housing	A	B	C
	55 in (1400 mm)	36 in (900 mm)	26 in (650 mm)
Approx Dry Weight	1,107 lbs (502 kg)		
Approx Net Weight	1,250 lbs (567 kg)		
Max. Lifting Point Capacity	2,000 lbs (907 kg)		



### 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.**



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