

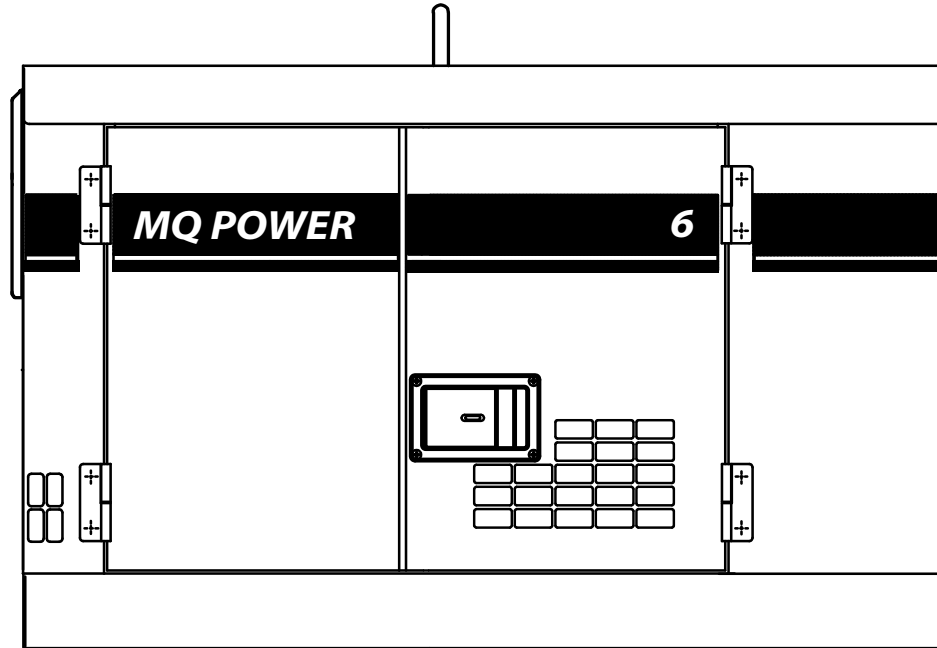


DCA6SPX4F Generator

WhisperWatt™

Prime Rating — 6 kW (6 kVA)

Single-Phase, 60 Hertz, 1.0 PF



STANDARD FEATURES

- Heavy-duty, 4-cycle, liquid-cooled, diesel engine — provides maximum reliability.
- CSA Listed — Tier 4 Final emissions compliant.
- Single-side Maintenance Design — Quick, direct access to all filters. External fluid drain extensions allow fast, easy service. Ideal for Ground Heater applications and confined areas.
- Automatic safety shutdown system — Monitors low oil pressure, high water temperature and battery charge via warning lamp display module.
- Fuel/Water Separator — Effectively separates damaging condensation from fuel for extended engine life.
- Automatic voltage regulator (AVR) — Provides precise regulation. Power is controlled within $\pm 1\%$ of mean voltage.
- Full load acceptance of standby nameplate rating in a single step.
- Sound attenuated, weather resistant, steel housing provides operation at 58 dB(A) at 23 feet. Fully lockable enclosure allows safe unattended operation.
- E-coat primer with polyurethane enamel finish coat.
- Brushless Generator Design — Reduces services and maintenance requirements.
- Complete power panel — Fully covered single phase terminals allow fast and convenient hookup for most applications including temporary power boxes, tools and lighting equipment. All are NEMA standard.
- Complete generator instrumentation — Includes 2-pole circuit breaker, AC voltmeter, hour meter, warning lamp display, and ignition switch.



DCA6SPX4F

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)
Prime Output	6 KW (6 KVA)
Rated Voltage	120/240V
Power Factor	1.0
Voltage Regulation (No load to full load)	±1 %
Generator RPM	1800
Frequency	60 Hz
Winding Pitch	5/6
No. of Poles	4
No. of Leads	4
Frequency Regulation: No Load to Full Load	3-5% under varying loads from no load to 100% rated load
Frequency Regulation: Steady State	±2.5% of mean value for constant loads from no load to full load
Insulation	Class F
Sound Level dB(A) Full load at 23 feet	58

Fuel System		
Recommended Fuel	ASTM-D975-No.1 & No.2-D*	
Fuel Consumption	gph	lph
At full load	0.70	2.65
At 3/4 load	0.58	2.18
At 1/2 load	0.47	1.77
At 1/4 load	0.37	1.41
* Use ultra-low sulfur diesel fuel.		

Amperage	
Rated Voltage	Amps
120 Volt	25 x 2
240 Volt	25
Main Line Circuit Breaker Rating	25

WARRANTY*

Kubota Engine

12 months from date of purchase with unlimited hours or 24 months from date of purchase with 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.

Engine Specifications	
Make / Model	Kubota / D1105
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	Vertical, 4-cycle, liquid cooled, diesel engine
Displacement	68.53 in ³ (1123 cc)
No. cylinders	3
Bore x Stroke	3.07 x 3.09 in. (78 x 78.4 mm)
Gross Engine Power Output	16.6 HP (12.4 kW)
Compression Ratio	24:1
Engine Speed	1800 rpm
Oil Capacity	1.3 gallons (5.1 liters)
Coolant Capacity	1.06 gallons (4.0 liters)
Starting System	Electric
Battery	12V 36Ah x 1



DCA6SPX4F

Generator

MQ POWER DECIBEL LEVELS

Our soundproof housing allows substantially lower operating noise levels than competitive designs. WhisperWatts are at home on construction sites, in residential neighborhoods, and at hospitals — just about anywhere.

- 90 — Subway / truck traffic
- 80 — Average city traffic
- 70 — Inside car at 60 mph
- 60 — Air conditioner at 20 feet
- 58 — Whisperwatt at 23 feet
- 50 — Normal conversation



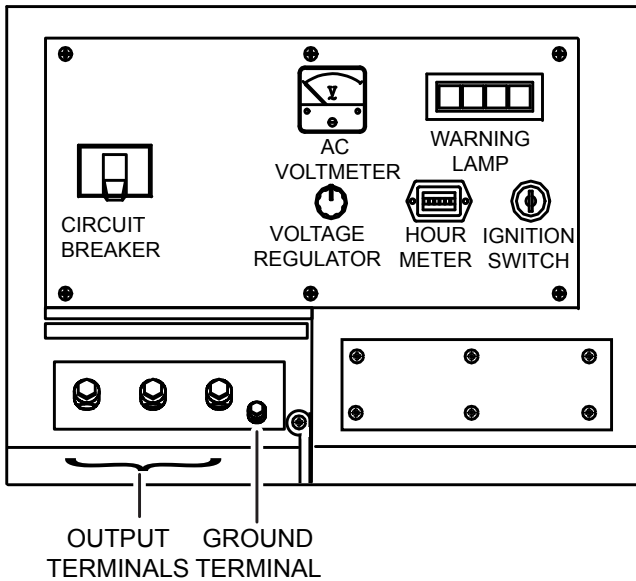
OPTIONAL GENERATOR FEATURES

- **Jacket Water Heater** — For easy starting in cold climates.
- **Battery Charger** — Provides fully automatic and self-adjusting charging to the generator's battery system.
- **Emergency Stop Switch** — When manually activated, shuts down generator in the event of an emergency.
- **Trailer Mounted Package** — Highway legal trailer with single axle configuration. Extra capacity fuel tank is also available.
- **20 Amp GFCI Receptacle and Circuit Breaker.**

OPTIONAL FUEL CELL FEATURES

- **Sub-base fuel cells (single or double wall)** — Additional fuel cell for extended runtime operation. Available in a variety of configurations.

GENERATOR CONTROL PANEL

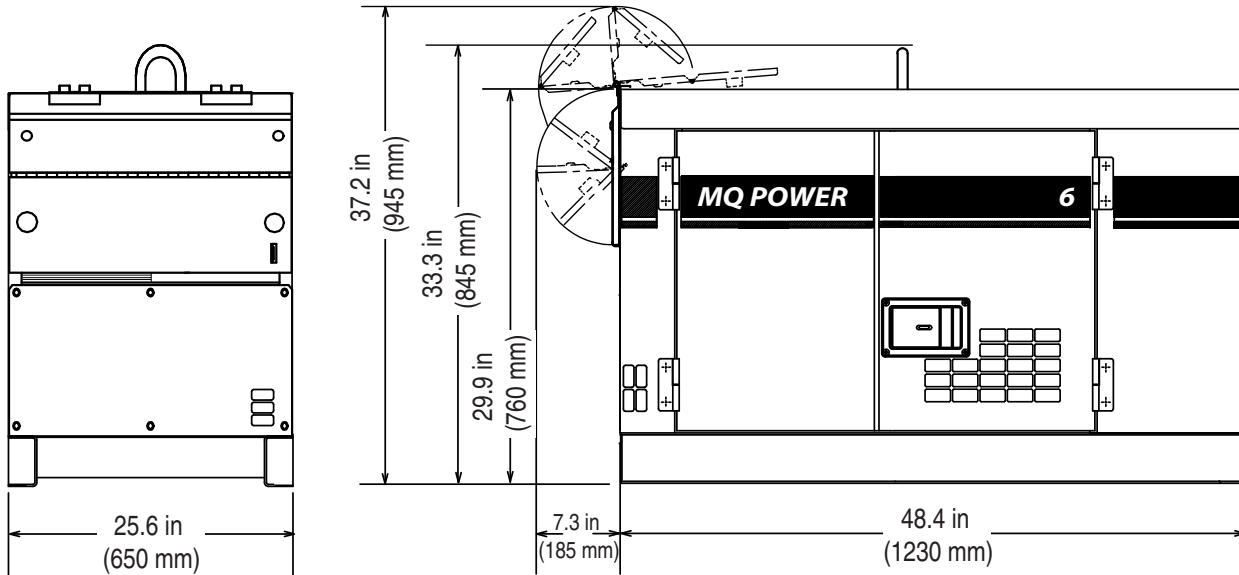




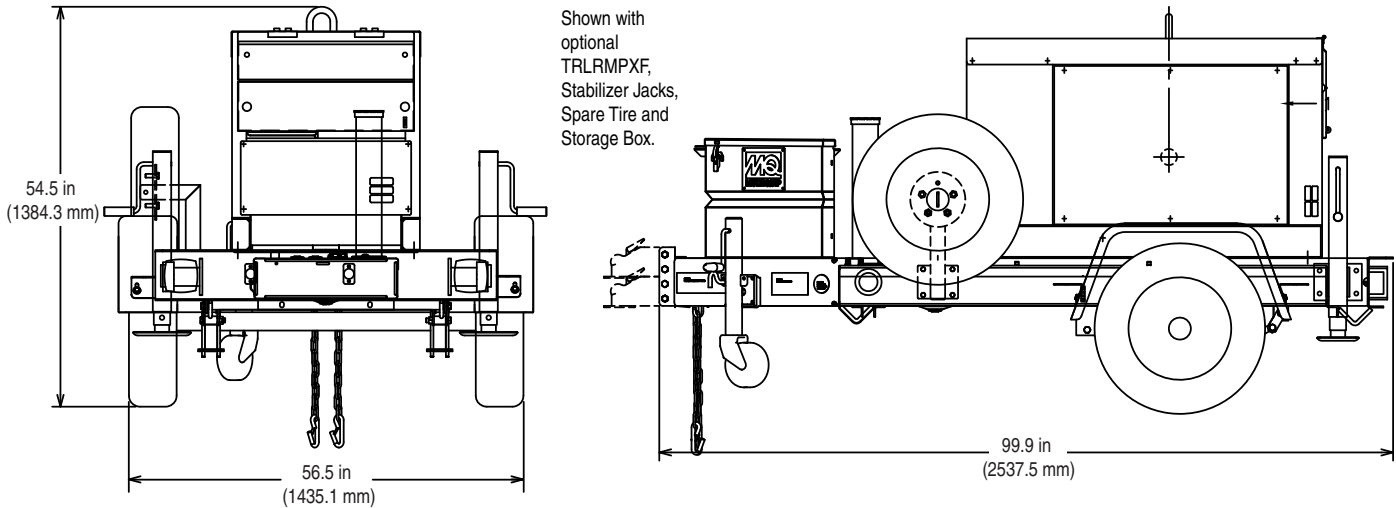
DCA6SPX4F

Generator

SKID-MOUNT DIMENSIONS



TRAILER-MOUNT DIMENSIONS



DCA6SPX4F Weights*

Dry Weight	831.1 lbs (377 kg)
Wet Weight	859.8 lbs (390 kg)
Max. Lifting Point Capacity	1650 lbs (748 kg)

* Weights do not include options.

DCA6SPX4F and TRLRMPXF Weights*

Dry Weight (with TRLRMPXF)	1376.1 lbs (624.2 kg)
Wet Weight (with TRLRMPXF)	1404.8 lbs (637.2 kg)

Generator can be placed on MQ Trailer Model TRLRMPXF.

NOTICE

Features and Specifications are subject to change without notice.



MULTIQIP
 6141 Katella Avenue Suite 200
 Cypress, CA 90630
 310-537-3700
 E-MAIL: mq@multiquip.com
 WEBSITE: www.multiquip.com