

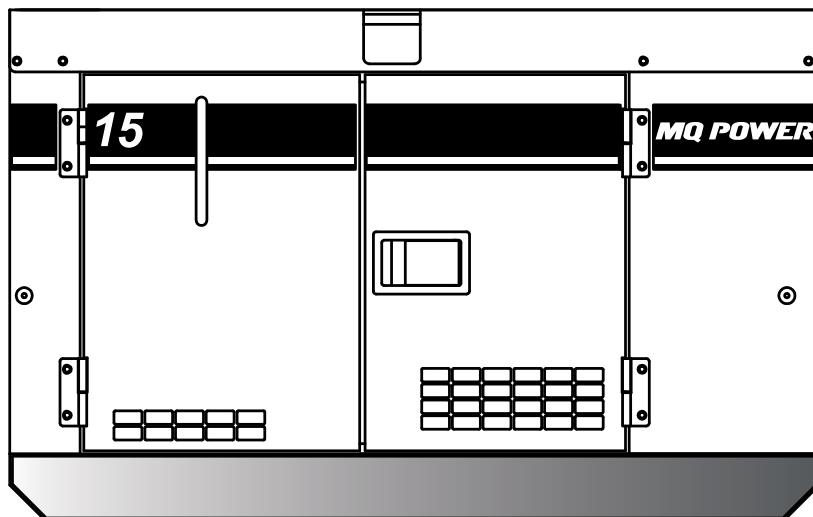
**DCA15SPX4F2**

Generator

## WhisperWatt™

**Prime Rating** — 14 kW (14 kVA)**Standby Rating** — 14.7 kW (14.7 kVA)

Single-Phase, 60 Hertz, 1.0 PF



### STANDARD FEATURES

- Heavy duty, 4-cycle, direct injection, heated crankcase vent, turbocharged diesel engine provides maximum reliability.
- EPA emissions certified — 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 confined applications.
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, battery charge. Warning lights indicate abnormal conditions.
- Electronic Governor Control — isochronous control, maintains frequency to within  $\pm 0.25\%$  from no load to full load.
- Full load acceptance of standby nameplate rating in a single step.
- 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 provides durability and weather protection.
- Internal fuel tank — Holds 16.4 gallons (62 liters).
- Brushless generator design — reduces service and maintenance requirements.
- 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. All are NEMA standard.
- Complete generator analog instrumentation including voltage regulator control, ammeter phase selector switch, voltmeter phase selector switch, AC voltmeter, AC ammeter, frequency meter, panel light, key switch and circuit breaker.
- Main Line Circuit Breaker — OSHA and NEC compliant, 70 amp rating.



# DCA15SPX4F2

## 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  |
| Winding Pitch                              | 5/6  |
| No. of Poles                               | 4  |
| Frequency Regulation: No Load to Full Load | Isochronous under varying loads from no load to 100% rated load    |
| 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 <sup>3</sup> (1,499 cc)        |
| No. cylinders             | 3                                       |
| Bore x Stroke             | 3.23 x 3.63 in. (83 x 92.4 mm)          |
| Gross Engine Power Output | 22.5 hp (16.8 kW)                       |
| HP at Rated Speed         | 17.5 hp (13.0 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 |

- Use ultra-low sulfur diesel fuel

#### Exhaust System

|                      |                                      |
|----------------------|--------------------------------------|
| Gas Flow (full load) | 109.1 cfm (3.09 m <sup>3</sup> /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       |

### WARRANTY\*

#### Kubota Engine

12 months from date of purchase with unlimited hours or 24 months and prior to the accumulation of 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.

#### NOTICE

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



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## Generator

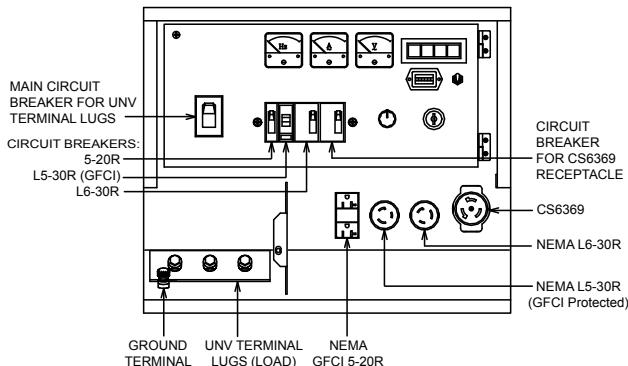
### MQ POWER DECIBEL LEVELS

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  
— WhisperWatt™ at 23 feet
- 60 — Air conditioner at 20 feet
- 50 — Normal conversation

**64.0**  
DECIBELS

### Generator Output 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** — Highway legal trailer with single axle configuration. Extra capacity fuel tank is also available.

### OPTIONAL CONTROL FEATURES

- **Audible Alarm** alerts operator of abnormal conditions.

### OPTIONAL FUEL CELL FEATURES

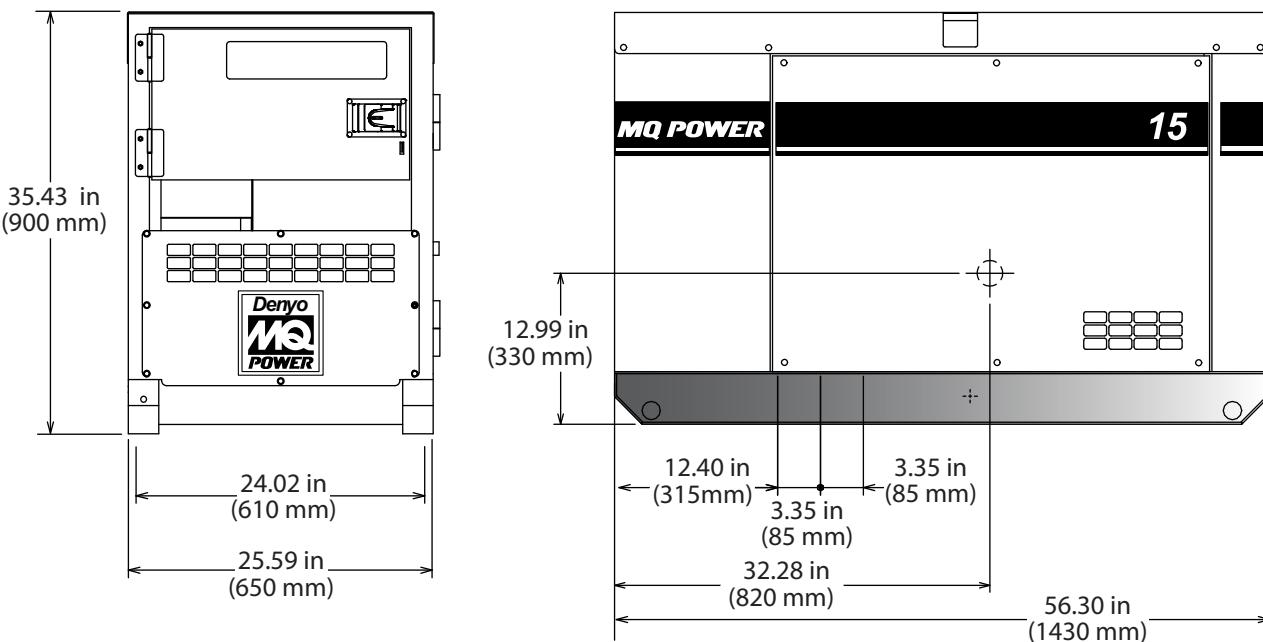
- **Sub-base Fuel Cells (double wall)** — additional fuel cell for extended runtime operation. Contains a leak sensor, low fuel level switch, and a secondary containment tank. UL142 listed.
- 12 hours of minimum run time.
- 24 hours of minimum run time.



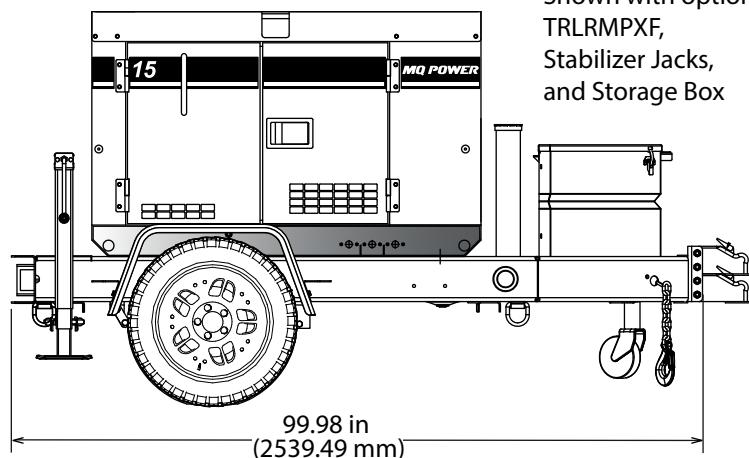
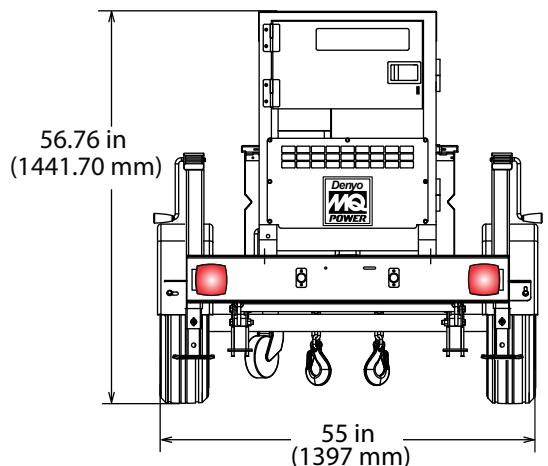
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Generator

## SKID-MOUNT DIMENSIONS



## TRAILER-MOUNT DIMENSIONS



Shown with optional  
TRLRMPXF,  
Stabilizer Jacks,  
and Storage Box

### DCA15SPX4F2 Weights\*

|                             |                     |
|-----------------------------|---------------------|
| Dry Weight                  | 1,179 lbs. (535 kg) |
| Wet Weight                  | 1,367 lbs. (620 kg) |
| Max. Lifting Point Capacity | 2200 lbs. (997 kg)  |

\* Weights do not include options.

### DCA15SPX4F2 and TRLRMPXF Weights\*

|                            |                     |
|----------------------------|---------------------|
| Dry Weight (with TRLRMPXF) | 1,687 lbs. (765 kg) |
| Wet Weight (with TRLRMPXF) | 1,875 lbs. (850 kg) |

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

### NOTICE

Features and Specifications are  
subject to change without notice.



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