



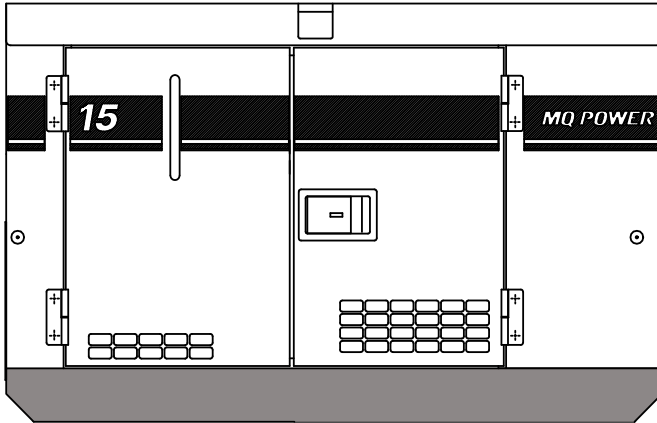
# DCA15SPXU4F

## MQ POWER Series Generator

Prime Rating — 14 kW (14 kVA)

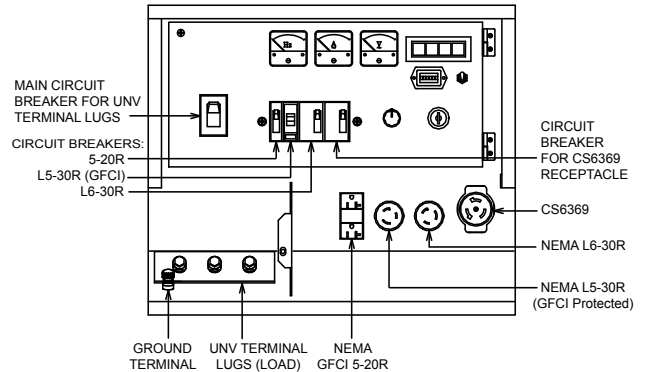
Standby Rating — 14.7 kW (14.7 kVA)

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 <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	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)	
<b>Fuel Consumption</b>	<b>gph</b>	<b>lph</b>
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

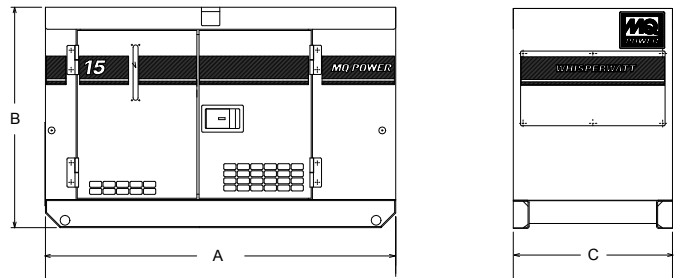
Gas Flow (full load)	109.1 cfm (3.09 m <sup>3</sup> /min)
Gas Temperature	1005.8 °F (541 °C)

#### 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

#### 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.

Your MultiQuip dealer is:

Gonneville, Inc.  
 211 Calle Pintesco Ste. #A  
 San Clemente, CA. 92672  
 949-248-7297  
 Sales@Gonneville.com | Gonneville.com

### 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.



**MULTIQUIP**  
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 WEBSITE: www.multiquip.com

# EXHAUST EMISSION DATA SHEET

## MULTIQUIP WELDER SET

Model: DCA15SPXU4F



The engine used in this generator set is certified to comply with United States EPA Tier 4 and CARB Mobile Off-Highway emission regulations.

### ENGINE DATA

<b>Manufacturer:</b> KUBOTA	<b>Bore:</b> 3.26 in. (83 mm)
<b>Model:</b> D1503	<b>Stroke:</b> 3.63 in. (92.4 mm)
<b>Type:</b> 4-Cycle, In-Line, 3-Cylinder, Diesel	<b>Displacement:</b> 91 cid (1.499 liters)
<b>Aspiration:</b> Naturally Aspirated, Indirect Injection	<b>Compression Ratio:</b> 21.6:1

### PERFORMANCE DATA

SAE Gross HP @ 1800 RPM (60 Hz)	24.8
Rated Load Fuel Consumption (gal/Hr)	1.09
Rated Load Exhaust Gas Flow (cfm)	109
Rated Load Exhaust Gas Temperature (°F)	1005

United States EPA - Mobile Off-Highway Tier 4 Limits - 11.0 ≤ ~ >25.0 BHP

Criteria Pollutant	Emission Requirements		Certified Engine Emissions	
NOx (Oxides of Nitrogen as NO <sub>2</sub> )	N/A	gr/bhp-hr	N/A	gr/bhp-hr
HC (Total Unburned Hydrocarbons)	N/A	gr/bhp-hr	N/A	gr/bhp-hr
NOx + HC (Combined)	N/A	gr/bhp-hr	N/A	gr/bhp-hr
CO (Carbon Monoxide)	4.92	gr/bhp-hr	0.82	gr/bhp-hr
PM (Particulate Matter)	0.29	gr/bhp-hr	0.08	gr/bhp-hr
NMHC (Non-Methane Hydrocarbons)	N/A	gr/bhp-hr	N/A	gr/bhp-hr
NMHC + NOx	5.59	gr/bhp-hr	4.47	gr/bhp-hr

EPA Engine Family:	EKBXL01.5FCC
EPA Certificate of Conformance:	EKBXL01.5FCC-019
ARB Executive Order:	U-R-025-0610
Effective Date:	Model Year 2014

*Note: Engine operation with excessive air intake or exhaust restriction beyond factory published maximum limits, or with improper service maintenance, may result in higher emission levels.*

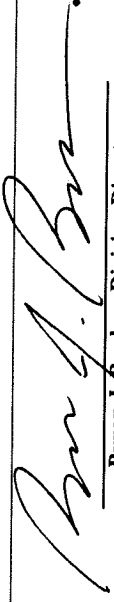


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
2014 MODEL YEAR  
CERTIFICATE OF CONFORMITY  
WITH THE CLEAN AIR ACT OF 1990

OFFICE OF TRANSPORTATION  
AND AIR QUALITY  
ANN ARBOR, MICHIGAN 48105

Certificate Issued To: **Kubota Corporation**  
(U.S. Manufacturer or Importer)  
Certificate Number: **EKBXL01.5FCC-019**

Effective Date:  
11/08/2013  
Expiration Date:  
12/31/2014

  
Byron J. Bunker, Division Director  
Compliance Division

Issue Date:  
11/08/2013  
Revision Date:  
N/A

Model Year: 2014  
Manufacturer Type: Original Engine Manufacturer  
Engine Family: EKBXL01.5FCC

Mobile/Stationary Indicator: Mobile  
Emissions Power Category: 8<=kW<19  
Fuel Type: Diesel  
After Treatment Devices: No After Treatment Devices Installed  
Non-after Treatment Devices: Engine Design Modification

Pursuant to Section 213 of the Clean Air Act (42 U.S.C. section 7547) and 40 CFR Part 1039, and subject to the terms and conditions prescribed in those provisions, this certificate of conformity is hereby issued with respect to the test engines which have been found to conform to applicable requirements and which represent the following engines, by engine family, more fully described in the documentation required by 40 CFR Part 1039 and produced in the stated model year.

This certificate of conformity covers only those new compression-ignition engines which conform in all material respects to the design specifications that applied to those engines described in the documentation required by 40 CFR Part 1039 and which are produced during the model year stated on this certificate of the said manufacturer, as defined in 40 CFR Part 1039.

It is a term of this certificate that the manufacturer shall consent to all inspections described in 40 CFR 1068 and authorized in a warrant or court order. Failure to comply with the requirements of such a warrant or court order may lead to revocation or suspension of this certificate for reasons specified in 40 CFR Part 1039. It is also a term of this certificate that this certificate may be revoked or suspended or rendered void *ab initio* for other reasons specified in 40 CFR Part 1039.

This certificate does not cover engines sold, offered for sale, or introduced, or delivered for introduction, into commerce in the U.S. prior to the effective date of the certificate.

Pursuant to the authority vested in the Air Resources Board by Sections 43013, 43018, 43101, 43102, 43104 and 43105 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-02-003;

**IT IS ORDERED AND RESOLVED:** That the following compression-ignition engines and emission control systems produced by the manufacturer are certified as described below for use in off-road equipment. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	DISPLACEMENT (liters)	FUEL TYPE	USEFUL LIFE (hours)
2014	EKBXL01.5FCC	1.500	Diesel	3000
SPECIAL FEATURES & EMISSION CONTROL SYSTEMS			TYPICAL EQUIPMENT APPLICATION	
Indirect Diesel Injection			Generator Set, Light Tower, Welder, Wood Chipper	

The engine models and codes are attached.

The following are the exhaust certification standards (STD) and certification levels (CERT) for non-methane hydrocarbon (NMHC), oxides of nitrogen (NOx), or non-methane hydrocarbon plus oxides of nitrogen (NMHC+NOx), carbon monoxide (CO), and particulate matter (PM) in grams per kilowatt-hour (g/kw-hr), and the opacity-of-smoke certification standards and certification levels in percent (%) during acceleration (Accel), lugging (Lug), and the peak value from either mode (Peak) for this engine family (Title 13, California Code of Regulations, (13 CCR) Section 2423):


RATED POWER CLASS	EMISSION STANDARD CATEGORY		EXHAUST (g/kw-hr)					OPACITY (%)		
			NMHC	NOx	NMHC+NOx	CO	PM	ACCEL	LUG	PEAK
8 ≤ kW < 19	Tier 4 Final	STD	N/A	N/A	7.5	6.6	0.40	N/A	N/A	N/A
		CERT	--	--	6.0	1.1	0.11	--	--	--

**BE IT FURTHER RESOLVED:** That for the listed engine models, the manufacturer has submitted the information and materials to demonstrate certification compliance with 13 CCR Section 2424 (emission control labels), and 13 CCR Sections 2425 and 2426 (emission control system warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

**This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.**

Executed at El Monte, California on this 16<sup>th</sup> day of December 2013.

  
 Erik White, Chief  
 Mobile Source Operations Division