



Rental Power

12 kW

U.S EPA Tier IV emissions



Description

This compact rental package is a fully integrated mobile power generation system, providing optimum performance, reliability, and versatility for many applications including construction, industrial and commercial.

Features

- EPA emissions certified – Tier 4 Final compliant
- Heavy duty, 4-cycle, direct injection, liquid cooled diesel engine
- Cummins Onan 4 pole 120V/240V single phase generator system with digital voltage regulation
- High performance motor-starting capability for heavy loads
- Computer-controlled constant speed operation
- Tested to operate reliably across extreme temperatures, heavy airborne dust and highly humid conditions ranging from -20 °F (-29 °C) to 120 °F (49 °C)
- Control system with built in self-diagnostic capabilities to simplify troubleshooting
- Instant one touch stop
- Over voltage, low oil pressure, over temp, over speed, overload and AC alternator over temp safeties
- Equipped with GPS connectivity
- Convenience receptacles allow fast hookup for most applications including power boxes, tools and lighting equipment
- Aluminum fuel tank – holds 26 gallons
- 4-point mounting system designed to provide clean, quiet power with low vibration
- Service and maintenance points accessible through easy single-side latch side service door
- Convenient, top-mounted switches and coolant level check/fills
- Trailer comes equipped with a handy service tool box

Exceptionally low operating noise design - at home on construction sites, residential neighborhoods and just about anywhere Unique sound-controlled housing encloses cooling system and muffler - simplifies installation

Decibel dB(A) Levels

90	Subway / truck traffic
80	City traffic
70	Inside car at 60 mph
62	Genset readings at 20 feet (3m) / half load
60	Air conditioner at 20 feet
50	Normal conversation

Model	Fan	Hz	Watts	Voltage	Amps	PF	Phase
C12D6RE	Internal	60	12000	120/240	100/50	1.0	1

Engine specifications

Engine model	Kubota D1503-M
Tier rating	Tier IV
Design	4-cycle, liquid-cooled diesel engine
Bore	83 mm (3.27 in.)
Stroke	92.4 mm (3.64 in.)
Displacement	1499 cc (91.44 in ³)
Cylinder block	In-Line 4 cylinder
Battery capacity	650 CCA
Battery charging alternator	15 amps
Starting voltage	12 volt, negative ground
Fuel system	Indirect injection
Fuel filter	Dual Spin on fuel filter with water separator
Air cleaner type	2-stage, dry replaceable element with dust ejector
Lube oil filter type(s)	Single spin-on, full flow
Standard cooling system	85 °F (25 °C) ambient radiator

Alternator specifications

Design	Brush type, 4 pole, drip proof, revolving field
Insulation system	Class H per NEMA MG1-1.66
Standard temperature rise	120°C
Exciter type	Electronic voltage regulator
Alternator cooling	Direct drive centrifugal blower fan

Model voltage	120 V duplex receptacles	240 V twist
120/240	GFCI up to 20A, 1 pole 20A Breaker	GFCI 50A, 2 pole 50A Breaker

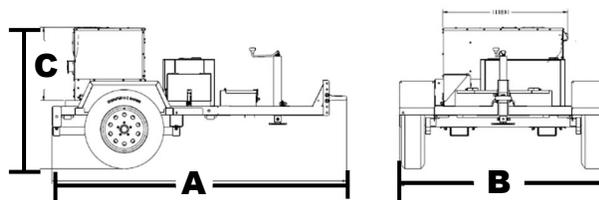
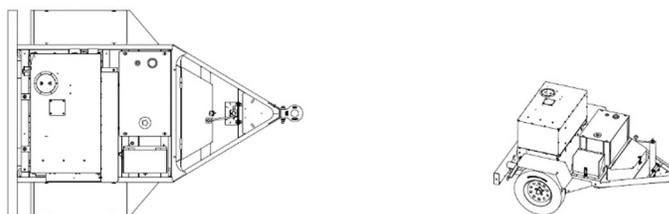
Ratings definitions

Standby:

Applicable for supplying emergency power for the duration of normal power interruption. No sustained overload capability is available for this rating. (Equivalent to Fuel Stop Power in accordance with ISO3046, AS2789, DIN6271 and BS5514). Nominally rated.

Prime (unlimited running time):

Applicable for supplying power in lieu of commercially purchased power. Prime power is the maximum power available at a variable load for an unlimited number of hours. A 10% overload capability is available for limited time. (Equivalent to Prime Power in accordance with ISO8528 and Overload Power in accordance with ISO3046, AS2789, DIN6271, and BS5514).



Dimensions

Model	Dim "A" mm (in.)	Dim "B" mm (in.)	Dim "C" mm (in.)	Weight w/o fuel kg (lbs)	Weight with fuel kg (lbs)	Fuel capacity liters (gal)*
C12D6RE	2566 (101)	1803 (71)	1233 (48.5)	817 (1801)	915 (2017)	99 (26)

Fuel consumption

60 Hz Ratings, kW (kVA)	Standby				Prime				Hours of operation
	12kW				10.8kW				
Load	1/4	1/2	3/4	Full	1/4	1/2	3/4	Full	75% load
US Gal/hr	0.52	0.71	0.97	1.28	0.50	0.67	0.88	1.15	29.5
L/hr	1.9	2.7	3.7	4.9	1.9	2.5	3.4	4.4	

- All 60 Hz models operate at 1800 r/min
- Ratings apply up to 500 ft (152 m) altitude, 85° F (29.4° C) ambient* with No. 2 diesel fuel.
- Temperature: Power output decreases 1% for every 10° F (5.5° C) increase
- Altitude: Power output decreases 3.5% for every 1000 ft (305 m) increase
- Ratings are at intermittent power output.

Trailer information

Model	Tire size	Tire type	Load range	Number of tires per trailer	Lug pattern
FT-3DDG	ST205/75/R15	ST	1820 lbs @50 psi	2	5X114.3

Warranty

Rental warranty is 3 years or 3000 hours

For more information contact your local Cummins distributor or visit power.cummins.com

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