

## 300 KVA MOBILE GENERATOR

Our 300kVA generator offers a prime rating of 240 kW (300 kVA), and a standby rating of 264 kW (330 kVA), with precise voltage control. An electronic governor maintains frequency to  $\pm 0.25\%$  from no load to full load (steady state load). Equipped with a Tier 4 certified John Deere diesel engine to easily meet the stringent EPA standards while providing profitable performance and reliability.

The system's design and weatherproof steel housing provides a substantially low operating noise level of 72 dB(A), approximately the noise experienced inside a car traveling 60 mph, as well as a compact operational footprint. It features an auto/start/stop digital controller that allows the generator to start from a remote location.

Its comprehensive analog control panel provides instrumentation, including: AC ammeter, AC voltmeter, frequency meter, AC circuit breaker, AC load percentage, engine gauges and much more.

*see back for specifications*



# SPECIFICATIONS

## Unit Specifications:

Prime Rating:	240 kW (300 kVA)
Standby Rating:	264 kW (330 kVA)
Generator RPM:	1800
Voltage - Three Phase:	208, 220, 240, 416, 440, 480V Reconnectable
Voltage - Single Phase:	120, 127, 139, 240, 254, 277V Adjustable
Generator Design:	Revolving field, Self-ventilated, Drip-proof, Single bearing
Voltage Regulation:	±0.5 % (No Load to Full Load)
Power Factor:	0.8
Armature Connection:	Star with Neutral
Excitation:	Brushless with AVR
No. Poles:	4-pole
Frequency:	60 Hz
Frequency Regulation:	±0.25% (steady state load)
Sound Level:	70 dB(A) (Full Load at 23 ft.)
Generator Length:	149.60 in (3800 mm) [~12' 6"]
Generator Width:	59.05 in (1500 mm) [~4'11"]
Generator Height:	96.46 in (2450 mm) [~8']
Dry Weight:	11,220 lb (5,090 kg)
Wet Weight:	15,010 lb (6,810 kg)
Max Lifting Point Capacity:	19,000 lb (8,618 kg)

## Engine Specifications:

Make/Model:	John Deere / 6090HFG06
Emissions:	EPA Tier 4 Final Certified
Starting System:	Electric
Design:	4 cycle, water-cooled, direct injection, turbo-charged, charged air cooled, EGR, DOC & SCR
Gross Engine Power Output:	437 bhp (326 kW)
Fuel Tank Capacity:	430.6 gal (1630 L)

## Fuel Consumption:

Full load:	16.7 gph (63.2 lph)
3/4 load:	12.5 gph (47.4 lph)
1/2 load:	8.9 gph (33.8 lph)
1/4 load:	5.8 gph (21.9 lph)
DEF Tank Capacity:	29.7 gal (112.4L)
Coolant Capacity:	17.7 gal (67 L)
Oil Capacity:	9.3 gal (35 L)
Battery:	12V 430Ah x 1

## Estimated Run Before Refill:

Full load:	~25.8 hours
3/4 load:	~34.4 hours
1/2 load:	~48.4 hours
1/4 load:	~74.3 hours

## Trailer Specifications:

Model #:	TRLR300EV
Trailer Length:	223 in (5,668 mm) [~18' 7"]
Trailer Width:	99.5 in (2,527 mm) [~8' 4"]
Trailer Height:	32.17 in (817 mm) [~2' 8"]
Overall Height (w/generator):	128.63 in (3267mm) [~10' 9"]
Gross Vehicle Weight Rating (GVWR):	20,000 lb (9,071 kg)
Gross Axle Weight Rating (GAWR) (ea.):	10,000 lb (4535.9 kg)

Coupler Rating:	3" Pintle Eye (25,000 lb)
2-5/16" Ball Coupler:	20,000 lb
Tire Size:	235/75R17.5 LR-J
Tire Load Rating (ea.):	6,005 lb (2724 kg)
Wheel Bolt Pattern:	8 x 6.5

## DCA300SSJU4F2 MQ Power Series Generator

