

# 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 ±0.5 % (No Load to Full Load)

Voltage Regulation:

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) 15,010 lb (6,810 kg) Wet Weight:

Max Lifting Point Capacity: 19,000 lb (8,618 kg)

#### **Engine Specifications:**

John Deere / 6090HFG06 Make/Model: 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 aph (33.8 lph) 1/4 load: 5.8 gph (21.9 lph) 29.7 gal (112.4L) DEF Tank Capacity: 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 223 in (5,668 mm) [~18' 7"] Trailer Length: Trailer Width: 99.5 in (2,527 mm) [~8' 4"] Trailer Height: 32.17 in (817 mm) [~2' 8"] 128.63 in (3267mm) [~10' 9"] Overall Height (w/generator):

Gross Vehicle Weight Rating (GVWR): 20,000 lb (9,071 kg) Gross Axle Weight Rating (GAWR) (ea.): 10,000 lb (4535.9 kg)

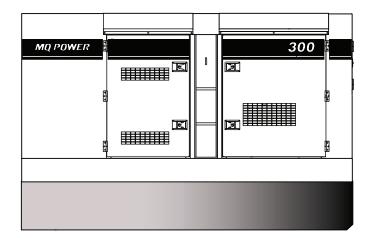
Coupler Rating: 3" Pintle Eve (25.000 lb) 20.000 lb

2-5/16" Ball Coupler:

Tire Size: 235/75R17.5 LR-J Tire Load Rating (ea.): 6,005 lb (2724 kg)

Wheel Bolt Pattern: 8 x 6.5

### DCA300SSJU4F2 MO Power Series Generator



\* Some trailers may have some variance CONTACT: 512.610.2880 | SALES@THERKGROUP.COM