



## 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

