

# DCA300SSJU4F3

300 kVA Prime Output, Single/Three-Phase, John Deere Tier 4 Final

MQ Power WhisperWatt Super-Silent portable generators provide reliable power to meet the most demanding requirements. They are designed and built to withstand tough environments at construction sites and provide dependable temporary power at entertainment venues and disaster recovery operations.

The DCA300SSJU4F3 offers a prime rating of 240 kW (300 kVA) and a standby rating of 264 kW (330 kVA). Our patented open delta generator winding provides precise voltage control, allowing superior motor starting capability. An electronic governor maintains frequency to  $\pm 0.25\%$  from no load to full load. Equipped with a John Deere Tier 4 Final diesel engine to easily meet the stringent EPA standards while providing profitable performance and reliability. The DCA300SSJU4F3 is manufactured within a powder-coated, weather resistant, 110% fluid contained steel housing that allows a substantially low operating noise level of 72 dB(A). It features an auto/start/stop digital controller that allows the generator to start from a remote location. Comprehensive analog control panel provides instrumentation including AC ammeter, AC voltmeter, frequency meter, AC circuit breaker, AC load percentage, engine gauges and much more.

Performance Data

Options

	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 (No Load to Full Load)	$\pm 0.5\%$	
Power Factor	0.8	
Armature Connection	Star with Neutral	
Excitation	Brushless with AVR	
No. Poles	4-pole	
Frequency	50 / 60 Hz	
Frequency Regulation (steady state load)	$\pm 0.25\%$	
Sound Level (Full Load at 23 ft.)	72 dB(A)	

## 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	

#### TRLR300EVH Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	20,000 lb	9,071 kg
Gross Axle Weight Rating (GAWR) (ea.)	10,000 lb	4,535.9 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	
Fits MQ Power Generator Models	DCA300SSJU4F3	

#### TRLR300EVH Dimensions & Weights

Overall Length	223 in	5,668 mm
Overall Width	99.5 in	2,527 mm
Overall Height	32.17 in	817 mm
Operating Weight		
Without Fuel	3,076 lb	1,395 kg