

DCA150SSJU4F3

150 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 DCA150SSJU4F3 offers a prime rating of 120 kW (150 kVA) and a standby rating of 132 kW (165 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 Tier 4 certified John Deere diesel engine to easily meet the stringent EPA standards while providing profitable performance and reliability. The DCA150SSJU4F3 is manufactured within a powder-coated, weather resistant, 110% fluid contained steel housing that allows a substantially low operating noise level of 66 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	120 kW	150 kVA
Standby Rating	132 kW	165 kVA
Generator RPM	1800	
Voltage - Three Phase	208, 220, 240, 416, 440, 480V Switchable	
Voltage - Single Phase	120, 127, 139, 240, 254, 277V Switchable	
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/ Zig Zag	
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.)	66 dB(A)	

Engine Specifications

Make/Model	John Deere / 6068HFG05
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged, charged air cooled, EGR, DOC & SCR

Gross Engine Power Output	215 bhp	160 kW
Fuel Tank Capacity	319 gal	1210 L
Fuel Consumption:		
Full load	8.9 gph	33.7 lph
3/4 load	7.21 gph	27.3 lph
1/2 load	5.42 gph	20.5 lph
1/4 load	3.94 gph	14.9 lph
DEF Tank Capacity	29.7 gal	112.4L
Coolant Capacity	12.9 gal	48.7 L
Oil Capacity	8.58 gal	32.5 L
Battery	12V 150ah x 1	

TRLR180EV Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	12,000 lb	6,350 kg
Gross Axle Weight Rating (GAWR) (ea.)	7,000 lb	3,175 kg
Coupler Rating	3" Pintle Eye (25,000 lb) 2-5/16" Ball Coupler (20,000 lb)	
Tire Size	ST235 / 80R16 LR-G	
Tire Load Rating (ea.)	3,520 lb	1,596 kg
Wheel Bolt Pattern	8 Lug	
Fits MQ Power Generator Models	DCA150SSJU4F2 DCA180SSJU4F	

TRLR180EV Dimensions & Weights

Overall Length	212.9 in	5,408 mm
Overall Width	89 in	2,261 mm
Overall Height	26.58 in	675 mm
Operating Weight		
Without Fuel	2,404 lb	1,090 kg

TRLR220EV Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	16,000 lb	7,257 kg
Gross Axle Weight Rating (GAWR) (ea.)	8,000 lb	3,628 kg
Coupler Rating	3" Pintle Eye (25,000 lb) 2-5/16" Ball Coupler (20,000 lb)	
Tire Size	ST235 / 85R16 LR-G	
Tire Load Rating (ea.)	4,400 lb	1,996 kg
Wheel Bolt Pattern	8	
Fits MQ Power Generator Models	DCA150SSJU4F2 DCA180SSJU4F DCA220SSJU4F2	

TRLR220EV Dimensions & Weights

Overall Length	212.9 in	5,408 mm
Overall Width	89 in	2,261 mm

Overall Height 26.58 in 675 mm

Operating Weight

Without Fuel 2,404 lb 1,596 kg