



180 KVA MOBILE GENERATOR

Our 180kVA generator offers a prime rating of 144 kW (180 kVA), and a standby rating of 158 kW (198 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 70 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.

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SPECIFICATIONS

Unit Specifications:

Prime Rating:	144 kW 180 kVA
Standby Rating:	158 kW 198 kVA
Generator RPM:	1800
Voltage - Three Phase:	208, 220, 240, 416, 440, 460, 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
Frequency:	60 Hz
Frequency Regulation:	±0.25 % (steady state load)
Sound Level:	70 dB(A) (Full Load at 23 ft.)
Generator Length:	141.73 in (3600 mm) [~11' 10"]
Generator Width:	51.18 in (1300) [~4' 3"]
Generator Height:	88.19 in (2240 mm) [~7' 4"]
Dry Weight:	8,532 lb (3,870 kg)
Wet Weight:	11,266 lb (5,110 kg)
Max Lifting Point Capacity:	16,500 lb (7,483 kg)

Engine Specifications:

Make/Model:	John Deere 6068HFG05
Emissions:	EPA Tier 4 Certified
Starting System:	Electric
Design:	4-cycle, water cooled, direct injection, turbocharged. charged air cooled. EGR, DOC & SCR
Gross Engine Power Output:	257 bhp (192 kW)
Fuel Tank Capacity:	319 gal (1210 L)
Fuel Consumption:	
Full load:	10.1 gph (38.3 lph)
3/4 load:	7.8 gph (29.4 lph)
1/2 load:	5.8 gph (21.8 lph)
1/4 load:	4.0 gph (15.2 lph)
DEF Tank Capacity:	29.7 gal (112.4L)
Coolant Capacity:	10.5 gal (39.7 L)
Oil Capacity:	8.58 gal (32.5 L)
Battery:	12V 150Ah x1

Trailer Specifications:

Model #:	TRLR220EV
Trailer Length:	212.9 in (5,408 mm) [~17' 9"]
Trailer Width:	89 in (2,261 mm) [~7' 5"]
Trailer Height:	26.58 in (675 mm) [~2' 3"]
Overall Height (w/ generator):	114.77 in (2915 mm) [~9' 6"]
Gross Vehicle Weight Rating (GVWR):	16,000 lb (7,257.4 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 Lug

DCA180SSJU4F MQ Power Series Generator

