

DCA70SSIU4F

70 kVA Prime Output, Single/Three-Phase, Isuzu Tier 4 Final

Shown on optional trailer

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 DCA70SSIU4F offers a prime rating of 56 kW (70 kVA) and a standby rating of 62 kW (77 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. It features an auto start stop that allows the generator to start from a remote location. The unit features a powder-coated / e-coated, weatherproof steel housing that allows a substantially low operating noise level of 65 dB(A). A comprehensive analog control panel provides instrumentation including AC ammeter, AC voltmeter, frequency meter, AC circuit breaker, engine gauges and much more.

Performance Data

Options

Unit Specifications

Prime Rating	56 kW	70 kVA
Standby Rating	62 kW	77 kVA
Generator RPM	1800	
Voltage - Three Phase	208, 220, 240, 416, 440, 460, 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	60 Hz	
Frequency Regulation (steady state load)	$\pm 0.25\%$	
Sound Level (Full Load at 23 ft.)	65 dB(A)	

Engine Specifications

Make/Model	Isuzu / BR-4JJ1X	
Emissions	EPA Tier 4 Final Certified	
Starting System	Electric	
Design	4-cycle, water cooled, direct injection, turbocharged, DOC, SCR	
Gross Engine Power Output	95.2 bhp	71 kW
Fuel Tank Capacity	103 gal	390 L
Fuel Consumption:		

Full load	4.4 gph	16.6 lph
3/4 load	3.5 gph	13.4 lph
1/2 load	2.6 gph	9.8 lph
1/4 load	1.7 gph	6.4 lph
DEF Tank Capacity	7.4 gal	28L
Coolant Capacity	5.5 gal	21 L
Oil Capacity	3.96 gal	15 L
Battery	12V 75Ah x 1	

TRLR70US Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	7,000 lb	3,175 kg
Gross Axle Weight Rating (GAWR) (ea.)	3,500 lb	1,588 kg
Coupler Rating	3" Pintle Eye (25,000 lb)	
	2" Ball Coupler (10,000 lb)	
	2-5/16" Ball Coupler (14,000 lb)	
Tire Size	ST205 / 75DI5 LR-C	
Tire Load Rating (ea.)	1,825 lb	826 kg
Wheel Bolt Pattern	5 Lug on 4.5 in	
Fits MQ Power Generator Models	DCA70SSIU4F DCA70USI3CAN	

TRLR70US Dimensions & Weights

Overall Length	169.4 in	4,938 mm
Overall Width	72.5 in	1,841.5 mm
Overall Height	24.2 in	615 mm
Operating Weight		
Without Fuel	1,089 lb	493.96 kg

TRLR75XF2 Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	7,000 lb	3,175 kg
Gross Axle Weight Rating (GAWR) (ea.)	3,500 lb	1,588 kg
Coupler Rating	3" Pintle Eye (25,000 lb)	
	2" Ball Coupler (10,000 lb)	
	2-5/16" Ball Coupler (14,000 lb)	
Tire Size	ST205 / 75D15 LR-C	
Tire Load Rating (ea.)	1,850 lb	826 kg
Wheel Bolt Pattern	5 Lug on 4.5 in	
Fuel Tank Capacity	100 gal	378.54 L
Combined Tank Runtime:		
50% Load	78 h	
100% Load	46 h	
Fits MQ Power Generator Models	DCA70SSJU4F DCA70SSIU4F DCA45SSIU4F DCA40SSKU4F2 DCA36SPXU4F	

DCA25SSIU4F
DCA20SPXU4F
DCA15SPXU4F
DCA10SPXU4C
TLG8SSK4F2
DA7000SSA3

TRLR75XF2 Dimensions & Weights

Overall Length 151.3 in 3,843 mm
Overall Width 69.3 in 1,760 mm
Overall Height 24.8 in 599 mm
Operating Weight
With Fuel 2,077 lb 942 kg
Without Fuel 1,366 lb 619.6 kg