

DCA45SSIU4F

45 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. And to safeguard the environment, the WhisperWatt Super-Silent Generator features an integrated 24-hour fuel tank with a fluid containment system.

The DCA45SSIU4F offers a prime rating of 36 kW (45 kVA) and a standby rating of 40 kW (50 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 an e-coat and powder-coated, weatherproof steel housing that allows a substantially low operating noise level of 66 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	36 kW	45 kVA
Standby Rating	40 kW	50 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	60 Hz	
Frequency Regulation (steady state load)	$\pm 0.25\%$	
Sound Level (Full Load at 23 ft.)	66 dB(A)	

Engine Specifications

Make/Model	Isuzu / 4LE2X
Emissions	EPA Tier 4 Final Certified
Starting System	Electric
Design	4-cycle, water cooled, direct injection, turbocharged, charge air cooled and EGR

Gross Engine Power Output	65.7 bhp	49 kW
Fuel Tank Capacity	79.2 gal	300 L
Fuel Consumption:		
Full load	2.93 gph	11.1 lph
3/4 load	2.20 gph	8.31 lph
1/2 load	1.60 gph	6.04 lph
1/4 load	1.04 gph	3.92 lph
Coolant Capacity	4.44 gal	16.8 L
Oil Capacity	3.2 gal	12.2 L
Battery	12V 72Ah x 1	

TRLR45 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.)	1,760 lb	657 kg
Wheel Bolt Pattern	5 Lug	
Fits MQ Power Generator Models	DCA36SPXU4F DCA40SSKU4F2 DCA45SSIU4F	

TRLR45 Dimensions & Weights

Overall Length	147.33 in	3,742 mm
Overall Width	66.25 in	1,657 mm
Overall Height	23.2 in	590 mm
Operating Weight		
Without Fuel	1,056 lb	479 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.)	1,820 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	112 h	
100% Load	61 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