

DCA400SSI4F3

400 kVA Prime Rating, Single/Three-Phase, Isuzu 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 DCA400SSI4F3 offers a prime rating of 320 kW (400 kVA) and a standby rating of 336 kW (420 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 Final Isuzu diesel engine to easily meet the stringent EPA standards while providing profitable performance and reliability. It features an auto start stop that allows the generator to start from a remote location. The unit features an E-coat primer with polyurethane enamel finish, weatherproof steel housing that allows a substantially low operating noise level of 69 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	320 kW	400 kVA
Standby Rating	336 kW	420 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	60 Hz	
Frequency Regulation (steady state load)	$\pm 0.25\%$	
Sound Level (Full Load at 23 ft.)	69 dB(A)	

Engine Specifications

Make/Model	Isuzu BQ-6WG1X
Emissions	Tier 4 Final
Starting System	Electric
Design	4-cycle, Water Cooled, Direct Injection, Turbocharged, Charge Air Cooled, EGR, DOC and SCR

Gross Engine Power Output	512.3 bhp	kW
Fuel Tank Capacity	55.5 gal	210 L
Fuel Consumption:		
Full load	22.5 gph	85.1 lph
3/4 load	17.3 gph	65.5 lph
1/2 load	12.2 gph	46.0 lph
1/4 load	7.7 gph	29.0 lph
DEF Tank Capacity	14.8 gal	56L
Coolant Capacity	19.4 gal	73.6 L
Oil Capacity	15 gal	57.0 L
Battery	12V 200Ah X 2 (24V System)	

TRLR400XF3 (HDA/EDA) Trailer Specifications

Gross Vehicle Weight Rating (GVWR)	20,000 lb	9,072 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-E	
Tire Load Rating (ea.)	3,500 lb	1,588 kg
Wheel Bolt Pattern	5 Lug	
Fuel Tank Capacity	350 gal	1,325 L
Combined Tank Runtime:		
50% Load	33 h	
100% Load	18 h	
Fits MQ Power Generator Models	DCA400SSI4F DCA400SSI4FP	

TRLR400XF3 (HDA/EDA) Dimensions & Weights

Overall Length	264 in	6,705 mm
Overall Width	94 in	2,387 mm
Overall Height	27.4 in	695.96 mm
Operating Weight		
With Fuel	6,765 lb	3,071 kg
Without Fuel	4,280 lb	1,943 kg