

## 70 KVA MOBILE GENERATOR

Our 70 kVA generator offers a prime rating of 56 kW (70 kVA), and a standby rating of 62 kW (77 kVA). An electronic governor maintains frequency to  $\pm 0.25\%$  from no load to full load (steady state load), and features fan auto start stop that allows the generator to start from a remote location. The system's design and weatherproof steel housing provides a low operating noise level of 65 dB(A), less than the noise experienced inside a car traveling 60 mph, as well as a compact operational footprint. Its comprehensive analog control panel provides instrumentation, including: AC ammeter, AC voltmeter, frequency meter, AC circuit breaker, engine gauges and much more.

*see back for specifications*



# SPECIFICATIONS

## 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:	±0.5 % (No Load to Full Load)
Power Factor:	0.8
Armature Connection:	Star with Neutral/ Zig Zag
Excitation:	Brushless with AVR
No. Poles:	4-pole
Frequency:	60 Hz
Frequency Regulation:	±0.25 % (steady state load)
Sound Level:	65 dB(A) (Full Load at 23 ft.)
Generator Length:	105.12 in (2670 mm) [~8' 9"]
Generator Width:	37.4 in (950 mm) [3' 2"]
Generator Height:	68.3 in (1735 mm) [5' 8"]
Dry Weight:	3,329 lb (1,510 kg)
Wet Weight:	4,211 lb (1,910 kg)
Max Lifting Point Capacity:	6,960 lb (3,157 kg)

## 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
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

## Estimated Run Before Refill:

Full load:	~23.4 hours
3/4 load:	~29.4 hours
1/2 load:	~39.6 hours
1/4 load:	~60.6 hours

## Trailer Specifications:

Model #:	TRLR70US
Trailer Length:	169.4 in (4938 mm) [~16' 2"]
Trailer Width:	72.5 in (1841.5 mm) [~6']
Trailer Height:	24.2 in (615 mm) [~2']
Overall Height (w/ generator):	92.5 in (2350 mm) [~7' 9"]
Gross Vehicle Weight Rating (GVWR):	7,000 lb (3175 kg)
Gross Axle Weight Rating (GAWR) (ea.):	3,500 lb (1,588 kg)
Coupler Rating:	3" Pintle Eye (25,000 lb)
2-5/16" Ball Coupler:	14,000 lb
Tire Size:	ST205 / 75D15 LR-C
Tire Load Rating (ea.):	825 lb (826 kg)
Wheel Bolt Pattern:	5 Lug on 4.5 in

## DCA70SSIU4F MQ Power Series Generator

