



45kVA Portable Diesel Generator Trailer or Skid Mounted

- Ultra Silent
- Portable
- Switchable Voltage
- Weatherproof



Model # DCA45

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) ± 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) ± 0.25 %

Sound Level (Full Load at 23 ft.) 58 dB(A)

Engine Specifications

Make/Model Isuzu / BU-4J1T

Emissions EPA Interim Tier 4 Certified

Starting System Electric

Design 4-cycle, water cooled, direct injection, turbocharged

Gross Engine Power Output 67.1 bhp 50 kW

Fuel Tank Capacity 79.2 gal 300 L

Fuel Consumption:

Full load 2.7 gph 10.4 lph

3/4 load 2.1 gph 8.0 lph

1/2 load 1.5 gph 5.7 lph

1/4 load 0.9 gph 3.6 lph

Coolant Capacity 3.15 gal 12 L

Oil Capacity 3.96 gal 15 L

Battery 12V 72Ah x 1



Trailer Specifications, Dimensions, & Weights

Gross Vehicle Weight Rating (GVWR) 7,000 lb 3,175 kg

Gross Axle Weight Rating (GAWR) (ea.) 3,500 lb 1,587 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 / 75D14 LR-C

Tire Load Rating (ea.) 1,760 lb 798 kg

Wheel Bolt Pattern 5 Lug on 4.5 in

Overall Length 148 in 3,759 mm

Overall Width 65 in 1,657 mm

Overall Height 23 in 584 mm

Operating Weight 860 lb 390 kg

• **Optional Auto
Start/Stop Timers
Available**

• Additional functionality and options available upon request.