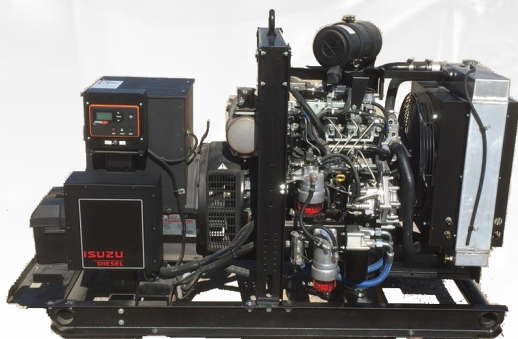




WQ40T4 Diesel Generator Set



WQ40T4 Open Skid Model



WQ40T4-ENCL Enclosed Model

Available in Open Skid and Enclosed Models

STANDARD FEATURES:

- Isuzu Liquid Cooled Engine (*NO Urea/DEF; NO Shutdowns for regen*)
- Stamford Generator with Automatic Voltage Regulator—CSA approved
- Heavy duty steel skid base with anti-vibration isolation
- Digital generator controller with user friendly display and auto start/stop functionality
- Electronic governing— excellent frequency and load pick-up
- Central lifting point
- Safety shutdown protection (low oil pressure/high coolant temp/over & under speed/crankcase pressure)
- Operator Manuals
- **Serviced and 100% Load Tested**

ELECTRICAL SPECIFICATIONS:

Voltage	Frequency	P.F.	Amps (Prime Rating)	Prime Output (kW/kVA)	Standby Output (kW/kVA)
120/240 - 1PH	60Hz	1.0	150	36/36	40/40
120/208 - 3PH	60Hz	0.8	125	36/45	40/50
277/480 - 3PH	60Hz	0.8	54	36/45	40/50
347/600 - 3PH	60Hz	0.8	43	36/45	40/50



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WQ40T4 Diesel Generator Set

ENGINE SPECIFICATIONS:

- Isuzu 4LE2X EPA **Tier 4 Final** liquid cooled diesel
- 66Hp @ 1800 RPM
- 12V electrics
- Electric and self priming fuel lift pump
- DOC, Cooled EGR, Turbocharged & after-cooled
- Fan, belt, and core guards
- In-line 4 cylinder, 4 Stroke
- Displacement: 2.2L
- Glow plug cold starting aid
- +/- 0.25% electronic governor engine control
- High Pressure Common Rail and Direct Injection
- **500 hour oil change interval**

GENERATOR SPECIFICATIONS:

- Stamford (4 lead or 12 lead)
- Single Bearing, Brushless
- Automatic Voltage Regulator (AVR Controlled)
- +/- 1% Voltage Regulation
- IP23 Enclosure Protection
- Class H Insulation
- UL/CSA Approved
- PMG-Permanent Magnet Generator (*optional*)

GENERATOR CONTROL PANEL FEATURES:

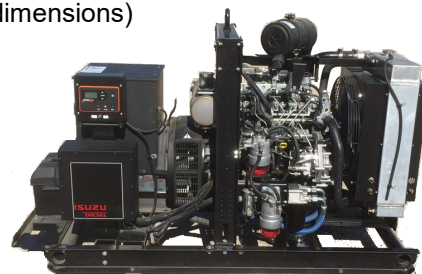
- DISPLAYS:
Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Level, Engine RPM, CAN ECU shutdown
- PROTECTION SAFETY SHUTDOWN & WARNINGS:
 - ⇒ Low Oil Pressure
 - ⇒ Under/Over AC Voltage
 - ⇒ Under/Over Battery Voltage
- Auto Start / Stop with AUX contacts
- AC Current (Amp) Metering Display (*optional*)
- ⇒ High Coolant Temperature
- ⇒ Under/Over Engine Speed
- ⇒ Low Fuel Level
- Programmable Exerciser
- Remote telematics monitoring system (*optional*)



DIMENSIONS OPEN SKID: (APPROX)

Standard Package Dimensions including lift bail assembly and battery tray (max dimensions)

- **Length:** 78" / 1981mm (70" / 1778mm without battery)
- **Width:** 33.5" / 851mm (30.5" / 774mm skid base)
- **Height:** 48.5" / 1232mm (47" / 1194mm without lift bail assembly)
- **Weight:** 1550lb / 703kg (1510lb / 685kg without battery)



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WQ40T4 ENCLOSED Diesel Generator Set

ENCLOSED MODEL: WQ40T4-ENCL



ENCLOSURE SPECIFICATIONS:

- Powder coated weather-proof enclosure
- Rain proof air intake ducts
- Stainless steel door handles and hinges
- Gasket lined, lockable doors
- Rear access Control Panel and AC electrical
- Rust-proof fasteners with nylon washer
- Optional air discharge hood (plenum)
- Optional custom color

FUEL SYSTEM:

- Single wall steel fuel tank
- Capacity: 350L / 78 IMP Gal
- Vented fill cap
- Fuel Level Gauge (displayed on panel)

FUEL CONSUMPTION:

- 100% Load—10.7L/hr
- 75% Load—8.2L/hr
- 50% Load—5.9L/hr
- 25% Load—3.8L/hr

ENCLOSED GENERATOR SET DIMENSION AND WEIGHT:

Generator (Skid Unit)

- Dimensions (LxWxH): 81" x 36.5" x 58" (2057mm x 927mm x 1473mm)
- Dry Weight: 2965lb (1345kg) Wet Weight: 3589lb (1628kg)

Mobile Generator (includes standard Tandem Axle Trailer Package)

- Dimensions (LxWxH): 137" x 69" x 78" (3480mm x 1752mm x 1981mm)
- Dry Weight: 4215lb (1912kg) Wet Weight: 4839lb (2194kg)

SOUND LEVEL

Standard Enclosure

- No Load, @ 7m (23ft) - 72 dB(A)
- Full Load, @ 7m (23ft) - 74 dB(A)

Enclosure with Air Discharge Plenum (optional)

- No Load, @ 7m (23ft) - 68 dB(A)
- Full Load, @ 7m (23ft) - 70 dB(A)



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WQ40T4 Diesel Generator Set

OPTIONAL ACCESSORIES:

Engine System

- Engine coolant heater—120V
- Battery charger—120V
- Battery blanket—120V
- Battery disconnect lockout switch
- Thermostatic radiator shutter kit
- Diesel-fired engine coolant heater (hydronic)
- Positive Air Safety Shutoff Valve
- Sub-base fuel tank Options (*for open skid model*)
 - 160L/35gal (54" x 34" x 10")
 - 385L/85gal (71.5" x 30.5" x 14")

AC Electrical System

- Main Circuit Breaker (240V 1PH; 120/208V 3PH; 480V 3PH; 600V 3PH)
- Electrical Distribution Panel- customized build; full load center; Square D components. Located at rear access door beside genset control panel on enclosed models.
- AC Amperage metering package. Will display AC Amperage on upgraded genset control panel.

Enclosure

- Winter front- Radiator cold weather winter cover with adjustable opening sizes. Fits standard enclosure model.
- Air Discharge Plenum— reduce dBA noise level with addition of an air discharge plenum. Reduction of 8-10dBA at air discharge (at 1m).

Trailer

- Tandem 3500lb axle Transport Canada/DOT approved trailer
- 15" ST205/75R15 Tires
- Front leveling jack and safety chains
- 3" Pintle eye coupler or 2-5/16" ball coupler
- Powder coated steel frame



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WQ40T4 Diesel Generator Set

WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 1 Year / Unlimited Hours
- Isuzu Engine: 0-12 Months / Unlimited Hours; 5 Year / 5000-hour Major Component Warranty
- Newage-Stamford Generator: 1 Year / Unlimited hours



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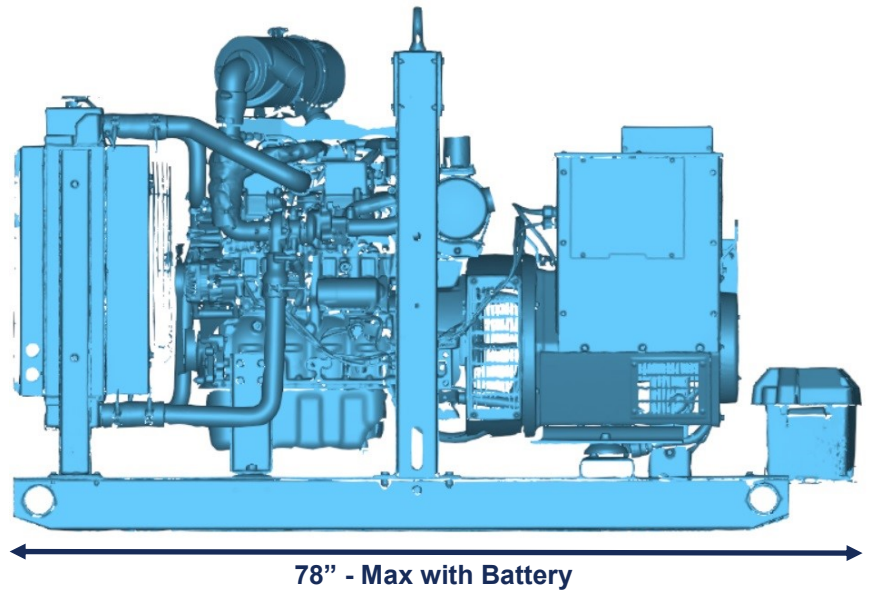
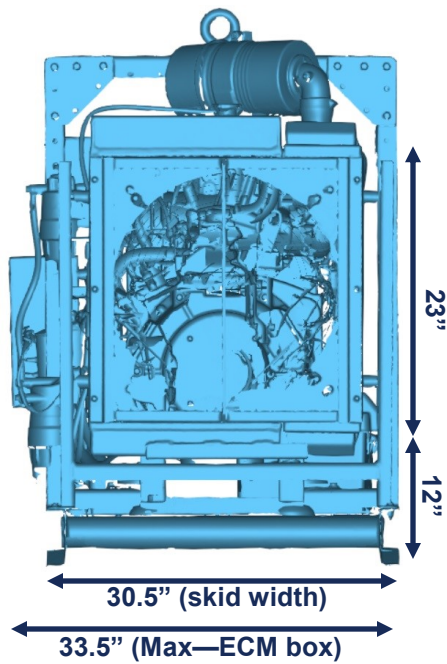
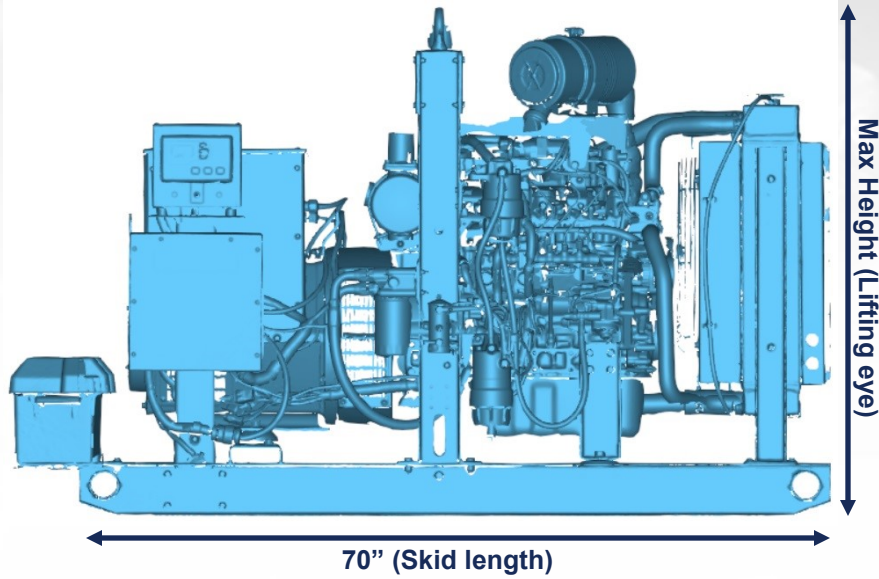
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