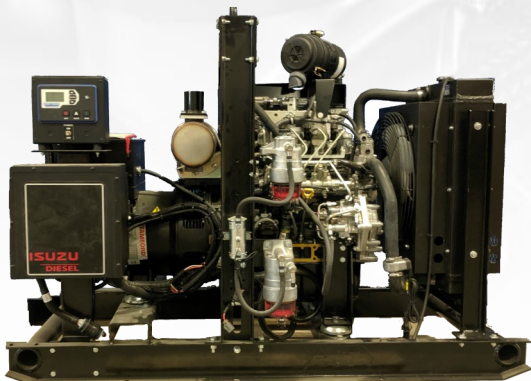




WQ25T4 Diesel Generator Set



WQ25T4 OPEN SKID MODEL



WQ25T4-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 lift bail assembly
- 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)	Prime Output (kW/kVA)	Standby Output (kW/kVA)
120/240 - 1PH	60Hz	1.0	96	23/23	25/25
120/208 - 3PH	60Hz	0.8	81	23/29	25/31
277/480 - 3PH	60Hz	0.8	35	23/29	25/31
347/600 - 3PH	60Hz	0.8	28	23/29	25/31



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ENGINE SPECIFICATIONS:

- Isuzu 4LE2T EPA **Tier 4 Final** liquid cooled diesel
- 40Hp @ 1800 RPM
- 12V electrics
- Electric and self priming fuel lift pump
- DOC, Cooled EGR, Turbocharged
- 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 (ALTERNATOR) SPECIFICATIONS:

- Stamford (4 lead or 12 lead) alternator
- 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:

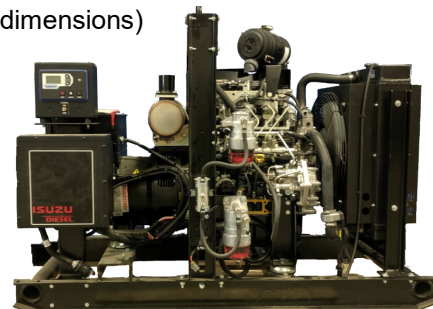
- DISPLAYS:
Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Level, Engine RPM, CAN ECU shutdown
- PROTECTION SAFETY SHUTDOWN & WARNINGS:
 - ⇒ Low Oil Pressure
 - ⇒ Under/Over AC Voltage
 - ⇒ Under/Over Battery Voltage
 - ⇒ High Coolant Temperature
 - ⇒ Under/Over Engine Speed
 - ⇒ Low Fuel Level
- Auto Start / Stop with AUX contacts (2 wire)
- AC Current (Amp) Metering Display (*optional*)
- Programmable Exerciser
- Remote telematics monitoring system (*optional*)



DIMENSIONS OPEN SKID: (APPROX)

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

- **Length:** 72" / 1829mm (65.5" / 1676mm without battery)
- **Width:** 33.5" / 851mm (30.5" / 774mm skid base)
- **Height:** 48.5" / 1232mm (44.5" / 1143mm without lift bail assembly)
- **Weight:** 1160lbs / 526kg (1120lbs / 508kg without battery)



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WQ25T4 ENCLOSED Diesel Generator Set

ENCLOSED MODEL: WQ25T4-ENCL



ENCLOSURE SPECIFICATIONS:

- Powder coated weather-proof enclosure
- Rain proof air intake ducts
- Stainless steel door handles and hinges
- Gasket lined, lockable doors
- Rear door 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—6.1L/hr
- 75% Load—4.6L/hr
- 50% Load—3.6L/hr
- 25% Load—2.5L/hr

ENCLOSED GENERATOR SET DIMENSION AND WEIGHT:

Generator (Skid Unit)

- Dimensions (LxWxH): 81" x 36.5" x 58" (2057mm x 927mm x 1473mm) *NOTE: 93"L with air discharge plenum*
- Dry Weight: 2260lb (1025kg) Wet Weight: 2855lb (1308kg)

Mobile Generator (includes standard Trailer Package)

- Dimensions (LxWxH): 129" x 60" x 78" (3277mm x 1524mm x 1981mm)
- Dry Weight: 3580lb (1358kg) Wet Weight: 3590lb (1628kg)

SOUND LEVEL

Standard Enclosure

- No Load, @ 7m (23ft) - 69 dB(A)
- Full Load, @ 7m (23ft) - 71 dB(A)

Enclosure with Air Discharge Plenum (optional)

- No Load, @ 7m (23ft) - 67 dB(A)
- Full Load, @ 7m (23ft) - 69 dB(A)



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WQ25T4 Diesel Generator Set

OPTIONAL ACCESSORIES:

Engine System

- Engine Coolant Heater—120V
- Battery Charger—120V
- Battery Blanket—120V
- Battery Disconnect Lockout Switch
- Thermostatic Radiator Shutter
- Diesel-Fired Engine Coolant Heater (Hydronic)
- Positive Air Safety Shutoff Valve
- Low Coolant Level Shutdown
- Low Oil Level Shutdown
- Sub-base Fuel Tank (*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)
- AC Distribution Panel- customizable receptacles; Square D components.
- AC Amperage Metering Display- requires control panel upgrade.

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

- Single and Tandem 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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WQ25T4 Diesel Generator Set

WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 2 Year / 2000 Hours
- Isuzu Engine: 0-12 Months / Unlimited Hours; 5 Year / 5000-hour Major Component Warranty
- Stamford Generator: 3 Year



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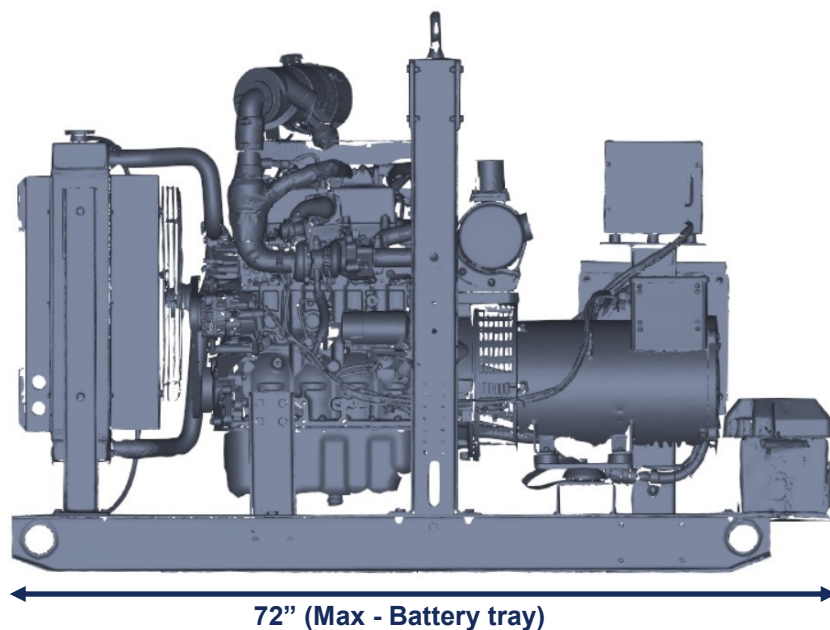
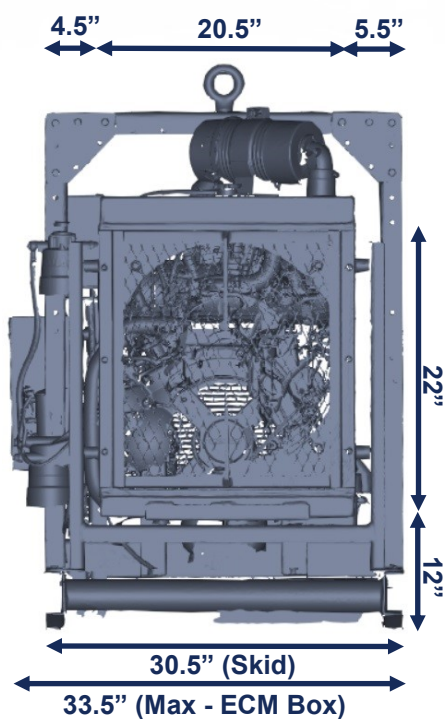
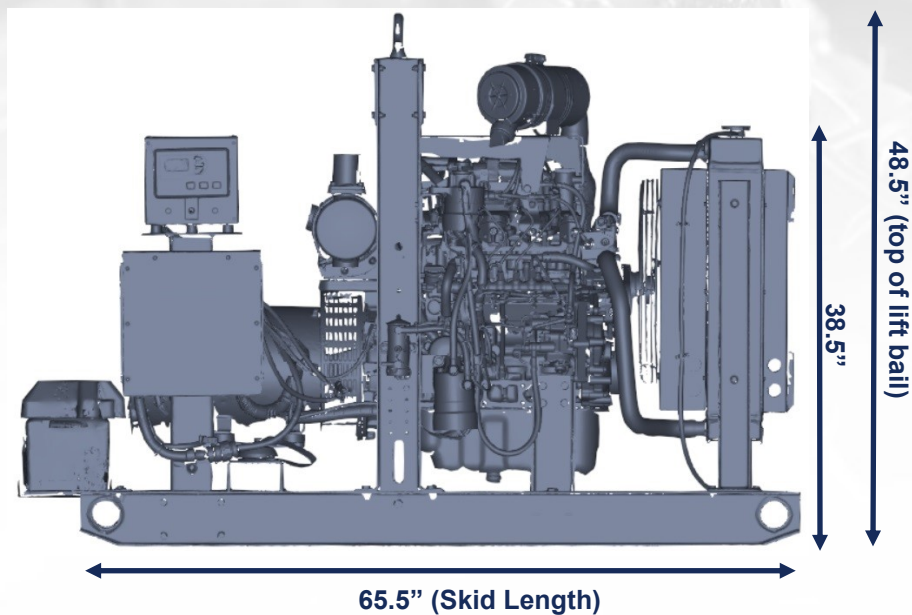
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