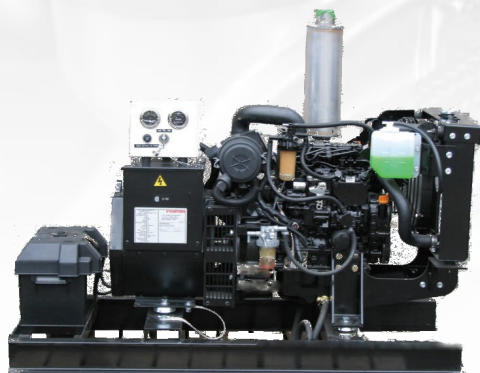




WQ6T4 Diesel Generator Set



WQ6T4 OPEN SKID MODEL



WQ6T4-EN ENCLOSED MODEL

Available in Open Skid and Enclosed Models

STANDARD FEATURES:

- Yanmar Liquid Cooled Engine
- Stamford Generator with Automatic Voltage Regulator—CSA approved
- Heavy duty steel skid base with anti-vibration isolation
- Key Start generator control panel with Hour meter and DC Voltmeter (optional Digital Auto-Start panel available)
- Mechanical governing
- Central lifting point
- Safety shutdown protection (low oil pressure/high coolant temp/over & under speed)
- Operator Manuals
- **Serviced and 100% Load Tested**

ELECTRICAL SPECIFICATIONS:

Voltage	Frequency	P.F.	Rating	Amps	Prime Output kW/KVA	Standby Output kW/KVA
120/240 - 1PH	60Hz	1.0	Prime	27	6.5/6.5	7.5/7.5
120/208 - 3PH	60Hz	0.8	Prime	18	6.5/8	7.5/9
277/480 - 3PH	60Hz	0.8	Prime	8	6.5/8	7.5/9
347/600 - 3PH	60Hz	0.8	Prime	6	6.5/8	7.5/9



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WQ6T4 Diesel Generator Set

ENGINE SPECIFICATIONS:

- Yanmar 3TNM74F EPA **Tier 4 Final** liquid cooled diesel
- 11.7Hp @ 1800 RPM
- 12V electrics
- Electric fuel lift pump
- Naturally aspirated
- Fan, belt, and core guards
- In-line 3 cylinder, 4 Stroke
- Displacement: 1.0L
- Glow plug cold starting aid
- 3-5% mechanical governor engine control
- Fuel water separator filter
- **250 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

GENERATOR CONTROL PANEL FEATURES:

• DISPLAYS:

Engine Hours, Oil Pressure, Coolant Temperature
Battery Voltage, AC Voltage, Hz Frequency,
Fuel Level, Engine RPM

• 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

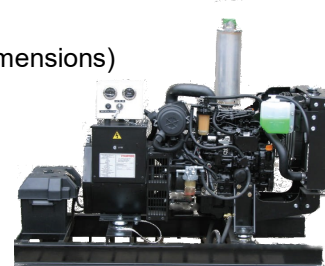
• Programmable Exerciser

• Remote telematics monitoring system (*optional*)

DIMESIONS OPEN SKID: (APPROX)

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

- **Length:** 48" / 1219mm (38" / 965mm without battery)
- **Width:** 25.5" / 648mm
- **Height:** 40" / 1016mm (34" / 864mm with upgrade horizontal muffler)
- **Weight:** 700lb / 318kg (640lb / 290kg without battery)



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WQ6-EN Enclosed Diesel Generator Set

ENCLOSED MODEL: WQ6-EN



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 custom color

FUEL SYSTEM:

- Single wall steel fuel tank
- Capacity: 197L / 43 IMP Gal
- Vented fill cap
- Fuel Level Gauge (displayed on panel)

FUEL CONSUMPTION:

- 100% Load—2.3L/hr
- 75% Load—1.7L/hr
- 50% Load—1.3L/hr
- 25% Load—0.6L/hr

ENCLOSED GENERATOR SET DIMENSION AND WEIGHT:

Generator (Skid Unit)

- Dimensions (LxWxH): 62" x 32" x 50" (1575mm x 813mm x 1270mm)
- Dry Weight: 1240lb (564kg) Wet Weight: 1600lb (728kg)

Mobile Generator (includes standard Trailer Package)

- Dimensions (LxWxH): 129" x 60" x 70" (3277mm x 1524mm x 1778mm)
- Dry Weight: 1725lb (784kg) Wet Weight: 2086lb (948kg)

SOUND LEVEL

Standard Enclosure

- No Load, @ 7m (23ft) - 66 dB(A)
- Full Load, @ 7m (23ft) - 68 dB(A)



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WQ6T4 Diesel Generator Set

OPTIONAL ACCESSORIES:

Engine System

- Engine coolant heater—120V
- Battery charger—120V
- Battery blanket—120V
- Battery disconnect lockout switch
- Electronic governor speed control (+/-0.5% regulation)
- 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.



Trailer

- Single axle 3500lb axle Transport Canada/DOT approved trailer
- 14" ST205/75R14 Tires
- Front leveling jack and safety chains
- 3" Pintle eye coupler or 2" ball coupler
- Powder coated steel frame



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WQ6-EN Diesel Generator Set

WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 1 Year / Unlimited Hours
- Yanmar Engine: 2 Year / 2000 Hours; 3 Year / 3000-hour Major Component Warranty
- Newage-Stamford Generator: 3 Year / Unlimited hours



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