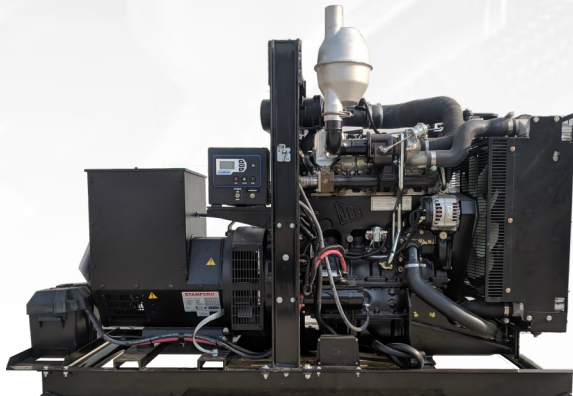




WQ100T3 Diesel Generator Set



WQ100T3 Open Skid Model

**EMERGENCY STANDBY
OPEN SKID MODEL**

STANDARD FEATURES:

- JCB Liquid Cooled Engine
- 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**

Voltage	Frequency	P.F.	Amps	Standby Output (kW/kVA)
120/240 - 1PH	60Hz	1.0	416	100/100
120/208 - 3PH	60Hz	0.8	347	100/125
277/480 - 3PH	60Hz	0.8	150	100/125
347/600 - 3PH	60Hz	0.8	120	100/125



DESIGNED AND MANUFACTURED BY WESTQUIP DIESEL SALES

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ENGINE SPECIFICATIONS:

- JCB 4.4L **Tier 3 Emergency Standby**
- 130HP @ 1800 RPM
- 12V electrics
- Electric and self priming fuel lift pump
- Turbocharged
- Charge air cooled
- **500 hour oil change interval**
- In-line 4 cylinder, 4 Stroke, Liquid Cooled Diesel
- Displacement: 4.4L
- Intake grid heater cold starting aid
- +/- 0.25% Electronic engine control
- 3" exhaust muffler
- Fan, belt, and core guards
- High pressure common rail and direct injection

GENERATOR SPECIFICATIONS:

- Stamford Generator
- Single Bearing, Brushless
- Automatic Voltage Regulator (AVR Controlled)
- +/- 1% Voltage Regulation
- IP23 Enclosure Protection
- Class H Insulation
- 1 Year Warranty
- 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
- Programmable Exerciser
- ⇒ High Coolant Temperature
- ⇒ Under/Over Engine Speed
- ⇒ Low Fuel Level
- AC Current (Amp) Metering Display (*optional*)
- Remote telematics monitoring system (*optional*)





WQ100T3 Diesel Generator Set



DIMENSIONS OPEN SKID: (APPROX)

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

- **Length:** 92" (82" without battery)
- **Width:** 30.5" / 774mm
- **Height:** 55" / 1397mm (top of muffler)
- **Weight:** 2825lb / 1280kg (with 4D battery)

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



AC ELECTRICAL SYSTEM

- Main Circuit Breaker (120/240V 1PH; 120/208V 3PH; 277/480V 3PH; 347/600V 3PH)
- Electrical Distribution Panel- customized build; full load center; Square D components
- AC Amperage metering package. Will display AC Amperage on upgraded genset control panel.



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WARRANTY: all models are covered by a comprehensive limited warranty

- Package: 1 Year / Unlimited Hours
- JCB Engine: Major components - 2 year unlimited hours, All other components - 1 year unlimited hours
- Stamford Generator: 1 Year / Unlimited hours



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