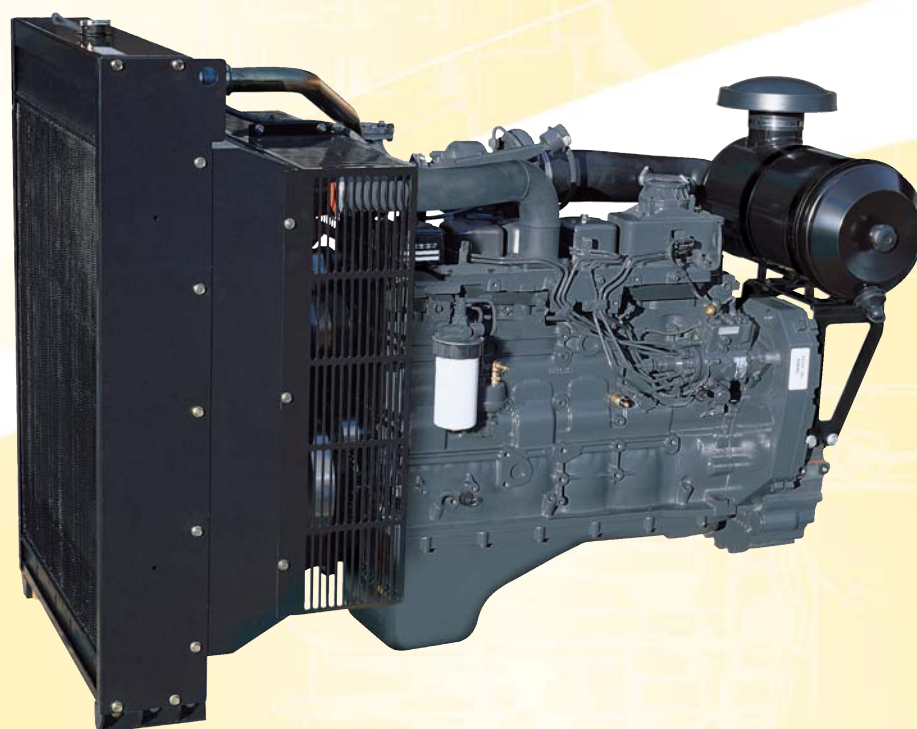


N67 TE2X

200 kW - 268HP@1800 rpm

EPA/CARB TIER3



**ENGINE FOR
POWER GENERATION
APPLICATIONS**

N67 TE2X FOR POWER GENERATION APPLICATIONS

Specifications

Thermodynamic cycle		Diesel 4 stroke
Air intake		TAA
Arrangement		6, in line
Bore x stroke	mm (in)	104x132 (4.09 x 5.20)
Total displacement	l (in ³)	6.7 (408.9)
Valves per cylinder		4
Injection system		direct Common Rail
Speed governor		electronic
Cooling system		liquid (water + 50% Paraflu11)
Flywheel housing/flywheel	type	SAE3 / 11" 1/2
Flywheel rotation		CCW
Lube oil specifications		ACEA E3-E5
Lube oil consumption		<0.1% of fuel consumption
Fuel specifications		EN 590
Oil and filters intervals for replacement	hours	n.d.
Fuel consumption at:	rpm	1800
	100% load l/h (g/kWh)	47 (211)
	80% load l/h (g/kWh)	38.9 (218)
	50% load l/h (g/kWh)	24.2 (219)
Coolant capacity: engine only	l (US gal)	~10.5 (2.77)
engine+radiator	l (US gal)	~25 (6.6)
ATB (without canopy)	°C (°F)	52 (125.6)
No remote cooling radiator allowed		
Lube oil total system capacity including pipes, filters etc.	l (US gal)	~17 (4.9)
Electrical system		12Vcc
Starting batteries: recommended capacity	Ah	1x185
Discharge current (EN 50342)	A	1200
Cold starting: without air preheating	°C (°F)	-10 (14)
with air preheating	°C (°F)	-25 (-13)

Performance

Ratings ¹		1800 rpm	
		PRIME	STAND-BY
Rated Output ²	kWm (HP)	182 (244)	200 (268)

1) Ratings in accordance with ISO 8528. For duty at temperature over 40°C and/or altitude over 1000 meters must be considered a power derating factor. Contact the FPT sales organization

2) Net power at flywheel available after 50 hours running with a ±3% tolerance

PRIME POWER: The prime power is the maximum power available with varying loads for an unlimited number of hours. The average power output during a 24h period of operation must not exceed 80% of the declared prime power between the prescribed maintenance intervals and at standard environmental conditions. A 10% overload is permissible for 1 hour every 12 hours of operation.

STAND-BY POWER: The stand-by power is the maximum power available for a period of 500 hours/year with a mean factor of 90% of the declared stand-by power. No kind of overloads is permissible for this use.

CONTINUOUS POWER: Contact the FPT sales organization.

N67 TE2X FOR POWER GENERATION APPLICATIONS

Standard Configuration:

FPT engine N67 TE2X equipped with:

- Mounted radiator incorporating air-to-air charge cooler
- Front radiator guard
- Mounted belt driven pusher fan
- Fan guard
- Mounted air filter with replaceable cartridges
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Electronic engine control unit with wiring loom and sensors
- Interface box
- Front engine mounting brackets
- Flywheel housing SAE3 and flywheel 11" 1/2
- Re-directable exhaust gas elbow
- Recirculated oil breather system
- Oil dipstick
- 12Vdc
- User's handbook

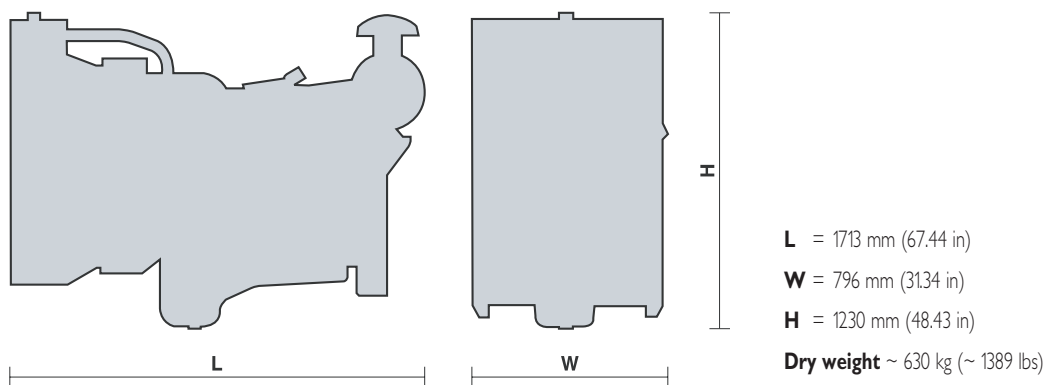
THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

Optional equipment:

On request the engine can be supplied with:

- Oil drain pump
- Oil drain valve
- 120/230 Volt water jacket heater
- WT and OP sensors for gauges
- Low water level sensor
- Turbo and exhaust gas guards
- Exhaust gas flexible joint

Overall dimensions



ENGINE BENEFITS

- **PERFORMANCE:** Compact packaging; starting temperature as low as 14°F (-10 °C) without starting aids; performance achieved without external EGR; new blow-by system; compact 2nd generation common rail injection system; consistent performance up to 104°F (40°C) and 3281 ft (1000 m) a.s.l.; first step load acceptance in class G3 (ISO 8528-5)
- **SERVICEABILITY:** Worldwide service network
- **RELIABILITY:** Limited lifetime warranty on Poly-V belts
- **COST EFFECTIVENESS:** New extended 600 h maintenance intervals (oil and filters change); reduced oil and fuel consumption
- **ENVIRONMENTALLY FRIENDLY:** Reduced noise; emission legislation compliance
- **CUSTOMER ORIENTATION:** Standard generators interface SAE1; complete engine power range

FIAT POWERTRAIN TECHNOLOGIES

Via Puglia, 15 - 10156 Torino

FIAT POWERTRAIN TECHNOLOGIES

Viale dell'Industria, 15/17 - 20010 Pregnana Milanese (MI)

www.ftpowertrain.com

LOCAL DISTRIBUTOR