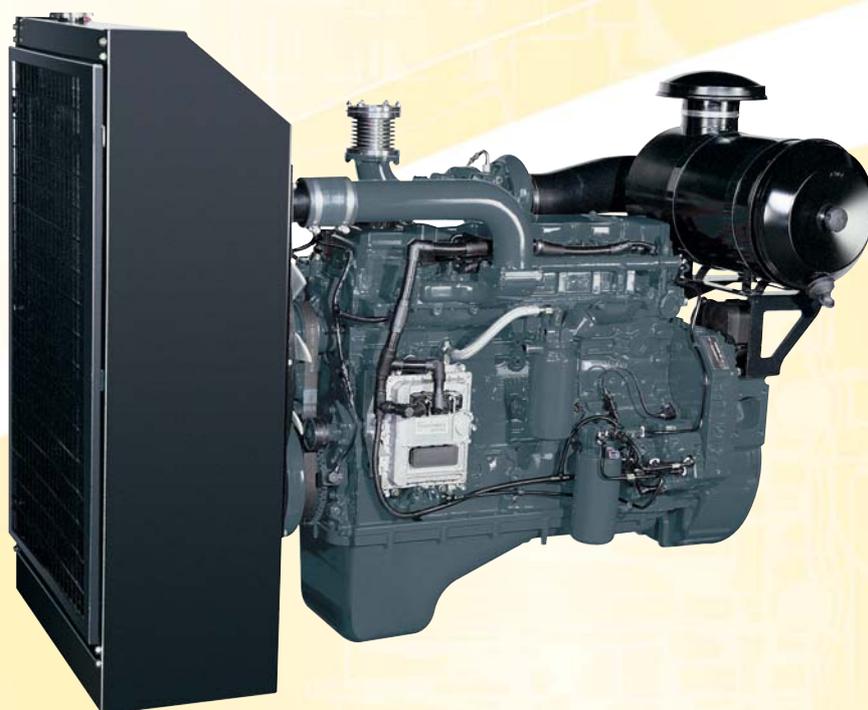


N67 TE2A

193 kW@1500 rpm

215 kW@1800 rpm

EU 2002/88/EC



**ENGINE FOR
POWER GENERATION
APPLICATIONS**

N67 TE2A FOR POWER GENERATION APPLICATIONS

Specifications

| | | | |
|--|------------------------|--------------------------------|-------|
| Thermodynamic cycle | | Diesel 4 stroke | |
| Air intake | | TAA | |
| Arrangement | | 6, in line | |
| Bore x stroke | mm | 104x132 | |
| Total displacement | l | 6.7 | |
| Valves per cylinder | | 2 | |
| 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 | 600 | |
| Fuel consumption at: | rpm | 1500 | 1800 |
| | 100% load l/h (g/kWh) | 44 (205.5) | n.a. |
| | 80% load l/h (g/kWh) | 39 (207) | n.a. |
| | 50% load l/h (g/kWh) | 25.6 (217.5) | n.a. |
| Coolant capacity: engine only | l | ~11 | |
| | engine+radiator | l | ~25.5 |
| ATB (without canopy) | °C | 55 | |
| No remote cooling radiator allowed | | | |
| Lube oil total system capacity including pipes, filters etc. | l | ~17 | |
| Electrical system | | 12Vcc | |
| Starting batteries: recommended capacity | Ah | 1x185 | |
| Discharge current (EN 50342) | A | 1200 | |
| Cold starting: | without air preheating | °C | |
| | with air preheating | °C | |
| | | -10 | |
| | | -25 | |

Performance

| Ratings ¹ | | 1500 rpm | | 1800 rpm | |
|---------------------------|-----|----------|----------|----------|----------|
| | | PRIME | STAND-BY | PRIME | STAND-BY |
| Rated Output ² | kWm | 175 | 193 | 195 | 215 |

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 TE2A FOR POWER GENERATION APPLICATIONS

Standard Configuration:

FPT engine N67 TE2A 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 card
- Front engine mounting brackets
- Flywheel housing SAE3 and flywheel 11" 1/2
- Re-directable exhaust gas elbow
- Recircled oil breather system
- Oil dipstick
- 12Vdc electrical system
- User's handbook

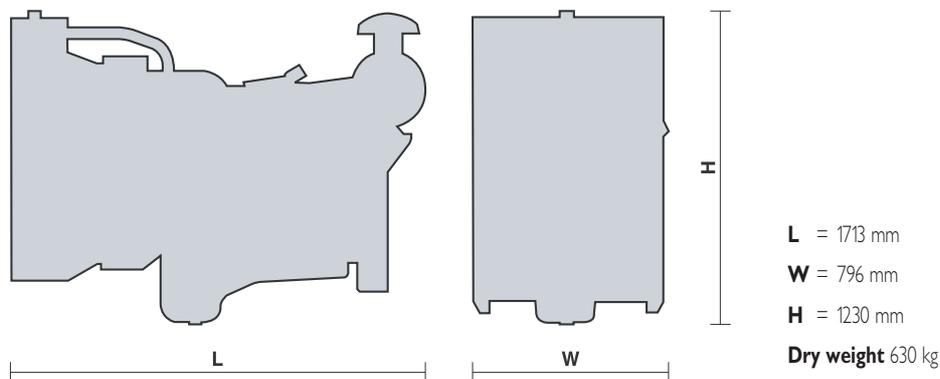
THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

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
- 24Vdc electrical system

Overall dimensions



ENGINE BENEFITS

- **PERFORMANCE:** Lean lay-out; starting temperature down to -10°C; performance achieved without external EGR; power before derating up to 40°C and 1000 a.s.l.; first step load acceptance in class G3(ISO 8528-5)
- **SERVICEABILITY:** Worldwide service network
- **RELIABILITY:** By-pass valve on oil and fuel filters
- **COST EFFECTIVENESS:** New extended 600 h maintenance intervals (oil and fuel filters change); reduced oil and fuel consumption; new blow-by recirculation system
- **ENVIRONMENTALLY FRIENDLY:** Reduced noise; emission legislation compliance
- **CUSTOMER ORIENTATION:** On demand production; standard generator interface SAE; small size engines; consistency with standard and alternative fuels in compliance with regulatory requirements; 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