67 KVV @ 1800 rpm	
Tier 3	

Specifications		
Thermodynamic cycle		Diesel 4 stroke
Air intake		TC
Arrangement		4L
Bore x Stroke	mm	104 x 132
Total displacement		4.5
Valves per cylinder		2
Injection system		Mechanical
Speed governor		mechanical
Cooling system		liquid (water - paraflu 50%)
Flywheel housing/flywheel	type	SAE 3 / 11" 1/2
Direction of rotation (seen from flywheel side)		CCW
Oil specifications		ACEA E3-E5
Oil consumption		<0.1% of fuel consumption
Fuel specifications		EN 590
Oil and filter maintenance interval for replacement	hours	600
Specific fuel consumption at:	rpm	1800
	100% load I/h (g/kWh)	17.3 (231.7)
	80% load I/h (g/kWh)	14.4 (236.9)
	50% load I/h (g/kWh)	10.3 (252.6)
Coolant capacity: engine only	I	~8.5
engine+radiator	1	~18.5
ATB (without canopy)	°C	55
Lube oil total system capacity including pipes, filters etc.	1	~12.8
Electric system		12Vcc
Starting batteries: recommended capacity	Ah	1×100
Discharge current (EN 50342)	А	650
Cold starting: without air preheating	°C	-15
with air preheating	°C	-25

Performances

Ratings ¹		1800 rpm		
		PRIME	STAND-BY	
Rated Output ²	kWm	62	67	

- 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 $\pm 3\%$ 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 load 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.





Standard configuration

FPT engine N45 SM2X equipped with:

- Mounted radiator
- Mounted belt driven pusher fan
- Fan guard
- Mounted air filter with replaceable cartridges
- Fuel filter
- Primary fuel filter/water separator
- Replaceable oil filter
- Front engine mounting brackets
- Flywheel housing SAE3 and flywheel 11"1/2
- Re-directable exhaust gas elbow
- Recirculed oil breather system
- Oil dipstick
- HWT and LOP sensors
- 12 Vdc electrical system
- User's handbook

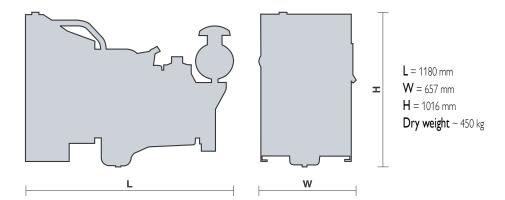
THE ENGINE IS SUPPLIED WITHOUT LIQUIDS

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

Overall dimensions:





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Specifications subject to change without notice.
Illustrations may include optional equipment.