



**TOM
GENERATORS**

TGP2250-2500S

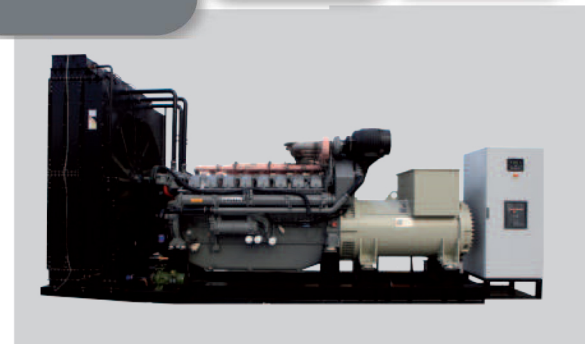
Gensets
Medium Range

Perkins

**LEROY
SOMER**

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage* ¹	Frequency* ²	PT 2250* ³	PT 2500* ⁴
230/400 V	50 Hz	2257 KVA	2505 KVA
277/480 V	60 Hz	-	-

The above ratings represent the generating set capability guaranteed within $\pm 3\%$ at the reference conditions equivalent to those specified in ISO 8528/1.



Notes

1. The applicable voltage is 380V to 415V for 50Hz applications. For other voltage consult factory.

2. This generating set is of fixed speed of 1500rpm.

3. PT2250 is the prime power rating of the generating set, where a variable load and unlimited hours usage are applied on the generating set with an average load factor of 80% of the prime rating over each 24 hour period. Noting that a 10% overload is available for 1 hour in every 12 hours operation.

4. PT2500S is the standby power rating of the generating set, where a variable load limited to an annual usage up to 500 hours is applied, with 300 hours of which may be continuous running. Noting that no overload is permitted.

Certifications



- The complete Generating Set is type-tested according to ISO 8528-8 Standard.



- The control panel is certified by an ISO 17025 accredited laboratory to have IP55 according to IEC 60355



Dimensions

Length	6000 mm
Width	2280 mm
Height	3600 mm
Weight	15400 Kg

Technical Data

Engine model

Perkins 4016-61TRG3

Cylinders	12 - 60° vee form	
Aspiration	Turbocharged & A/A charge cooled	
Combustion	Direct injection	
Cooling System	Water cooled	
Displacement	61.123 liters	
Oil Consumption	0.52 g/kWh	
Lube oil capacity	213 liters	
Coolant capacity	270 liters	
Governor	Electronic-Digital	
Speed	1500 rpm	1800 rpm
Fuel Consumption @ 100% Load	470 L/H	- L/H
Fuel Consumption @ 75% Load	344 L/H	- L/H
Fuel Consumption @ 50% Load	234 L/H	- L/H
Radiator Cooling Air Flow	3320 m3/min	- m3/min
Max exhaust gas flow	525 m3/min	- m3/min
Emissions regulations	-	

The above performance data are valid as per the following specs:

- Diesel Fuel is according to BS2869 Class A2 or equivalent.
- Lubricating oil is according to API CH4 (15W/40).
- The coolant should be 50% antifreeze and 50% distilled water.

Alternator model

Leroy Somer LSA 52.3 L9

Regulation	$\pm 0.5\%$	
International protection	IP23	
Insulation class	H	
Terminals	6	
Frequency	50 Hz	60 Hz
Coolant Air flow	2.5 m3/s	- m3/s

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