

PT15 – PT17S

Ratings @ 0.8 PF		Prime Rating	Stand-by Rating
Voltage*¹	Frequency*²	PT15	PT17
230/400 V	50 Hz	15 KVA	17 KVA

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

- The applicable voltage range is 380V to 415V. For other voltage consult factory.
- This generating set is of fixed speed of 1500rpm.
- PT15** 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.
- PT17S** is a 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.

Technical Data

Engine model

Perkins 403A-15G2

Cylinders

3- Vertical in-line

Aspiration

Naturally aspirated

Combustion

Indirect injection

Cooling System

Water cooled

Displacement

1.496 liters

Oil consumption

0.1% of fuel consumption

Lube oil capacity

6.0 liters

Coolant capacity

6.0 liters

Governor

Mechanical

Speed

1500 rpm

Fuel Consumption @ 100% Load

5.0 L/H

Fuel Consumption @ 75% Load

N/A

Fuel Consumption @ 50% Load

N/A

Radiator Cooling Air Flow

40.2 m³/min

Max exhaust gas flow

3.94 m³/min

Emissions regulations

For unregulated territories

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



Quality ISO 9001
SAI GLOBAL

Dimensions

Length	1500 mm
Width	610 mm
Height	1000 mm
Weight	485 KG

Alternator model

Leroy Somer TAL040F

Regulation

+1%

International protection

IP23

Insulation class

H

Terminals

6

Frequency

50 HZ

60HZ

Coolant Air flow

0.06m³/s

0.072m³/s