

PT600 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT600	220-380 V	1500-50Hz	0.8	600 kva	660 kva
PT625	120-208 V	1800-60Hz	0.8	625 kva	687 kva

* The prime power rating of the generating set is for unlimited hours usage with variable load usually between 70& 80 % of prime rate. Noting that a 10% overload is available for 1 hour every 12 hours operation

Engine Technical Data

Model	Perkins 2806A-E18TAG1A
Cylinders	6 Vertical In Line
Aspiration	Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	18.13 L
Lube oil Capacity	62.0 L
Coolant Capacity	51.0 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	11.7 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.9 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	134.00	141.00
at 100% Load	123.00	127.00
at 75% Load	90.00	95.00
at 50% Load	61.00	66.00

Genset Shipping Data

	Open	Enclosed
Length in cm	380	533
Width in cm	150	173
Height in cm	230	253
Weight in kg	4400	6400

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 (SAE 15W/40)
- The coolant should be 50% antifreez and 50% fresh water

NB: Information above may be changed without prior notice

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