

PT250 KVA

Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT250	220-380 V	1500-50Hz	0.8	250 kva	275 kva
PT225	120-208 V	1800-60Hz	0.8	225 kva	250 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 1206A-E70TTAG3
Cylinders	6 Vertical In Line
Aspiration	S-Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	7.01 L
Lube oil Capacity	16 L
Coolant Capacity	25 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	6.16 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.48 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	64.50	61.10
at 100% Load	56.90	54.50
at 75% Load	41.50	40.40
at 50% Load	28.10	27.80

Genset Shipping Data

	Open	Enclosed
Length in cm	285	352
Width in cm	105	133
Height in cm	185	196
Weight in kg	2150	3750

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% antifreeze and 50% fresh water

NB: Information above may be changed without prior notice

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