

PT80 KVA

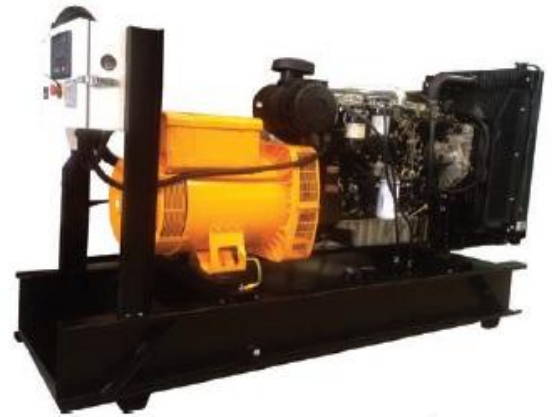
Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT80	220-380 V	1500-50Hz	0.8	80 kva	88 kva
PT90	120-208 V	1800-60Hz	0.8	90 kva	99 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 1104A-44TG2
Cylinders	4 Vertical In Line
Aspiration	Turbocharged
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	4.4 L
Lube oil Capacity	8.0 L
Coolant Capacity	13.0 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	1.5 m ³ /sec



Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.25 m ³ /sec

Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	20.50	24.40
at 100% Load	18.70	22.30
at 75% Load	14.00	16.90
at 50% Load	9.70	11.90

Genset Shipping Data

	Open	Enclosed
Length in cm	210	273
Width in cm	76	108
Height in cm	135	132
Weight in kg	980	1320

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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