

## PT300 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT300	220-380 V	1500-50Hz	0.8	300 kva	330 kva
PT350	120-208 V	1800-60Hz	0.8	350 kva	380 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 1506A-E88TAG5
Cylinders	6 Vertical In Line
Aspiration	Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	8.8 L
Lube oil Capacity	41 L
Coolant Capacity	33.2 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	6.16 m <sup>3</sup> /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 <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	73.10	85.70
at 100% Load	64.90	77.10
at 75% Load	48.20	56.80
at 50% Load	33.00	38.90

### Genset Shipping Data

	Open	Enclosed
Length in cm	285	392
Width in cm	105	143
Height in cm	185	196
Weight in kg	2200	4200

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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