

## PT1500 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
PT1500	220-380 V	1500-50Hz	0.8	1505 kva	1656 kva
PT1500	120-208 V	1800-60Hz	0.8	1512 kva	1663 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 4012-46TAG2A
Cylinders	12 Vee Type
Aspiration	Turbocharged/After cooled
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	45.842 L
Lube oil Capacity	159 L
Coolant Capacity	235 L
Governor	electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	31.2 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	1.6 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 110% Load	345.00	350.00
at 100% Load	306.00	319.00
at 75% Load	225.00	233.00
at 50% Load	149.00	155.00

### Genset Shipping Data

	Open	Enclosed
Length in cm	585	920
Width in cm	218	290
Height in cm	255	375
Weight in kg	9900	19500

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

### HEAD OFFICE Power Industry Machineries Company - Lebanon

Beirut - Bir Hassan - Golf Building

Phone: 009611825531 Fax: 009611825532 Mobile: 009611 70 111 277

E-mail: pimco@pimcolb.com Website: www.pimcolb.com

### FACTORY

Ghaziyeh - Zahrani Highway

Phone: 00961 1 7 225 226 Fax: 00961 1 7 225 229

