

## KT20 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
KT20	220-380 V	1500-50Hz	0.8	20 kva	22 kva
KT22	120-208 V	1800-60Hz	0.8	22 kva	24 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	Kubota V2003-TE2BG
Cylinders	4 Vertical In Line
Aspiration	Turbocharged
Combustion	Indirect injection
Cooling system	Water Cooled
Displacement	1.999 L
Lube oil Capacity	7.6 L
Coolant Capacity	8.4 L
Governor	Electronic
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	0.78 m <sup>3</sup> /sec

**Kubota**



### Alternator Technical Data

Regulation	± 0.5%
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.1 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 100% Load	5.60	6.20
at 75% Load	4.20	4.65
at 50% Load	2.80	3.10
at 25% Load	1.40	1.55

### Genset Shipping Data

	Open	Enclosed
Length in cm	160	198
Width in cm	50	78
Height in cm	110	122
Weight in kg	410	850

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

