

## JT120 KVA

### Genset Power Output

Name	Voltage	Speed	P.F.	Prime Rating*	Standby rating
JT120	220-380 V	1500-50Hz	0.8	120 kva	135 kva
JT140	120-208 V	1800-60Hz	0.8	140 kva	155 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

### John Deere

Model	6068TF220/6068TF258R
Cylinders	6 Vertical In Line
Aspiration	Turbocharged
Combustion	Direct injection
Cooling system	Water Cooled
Displacement	6.8 L
Lube oil Capacity	19.0 L
Coolant Capacity	11.3 L
Governor	Mechanical
No. of Cycles	4
Speed	1500 rpm
Radiator Cooling Air Flow @ 50Hz	2.5 m <sup>3</sup> /sec



### Alternator Technical Data

Regulation	± 1 %
International protection	IP23
Insulation class	H
Terminals	12
Frequency	50Hz
Cooling Air Flow @ 50 Hz	0.25 m <sup>3</sup> /sec

### Fuel Consumption (L/Hr)

	50Hz	60Hz
at 100% Load	26.70	32.00
at 75% Load	20.00	25.00
at 50% Load	14.00	16.50
at 25% Load	7.67	9.30

### Genset Shipping Data

	Open	Enclosed
Length in cm	270	338
Width in cm	80	113
Height in cm	150	174
Weight in kg	1045	1500

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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