

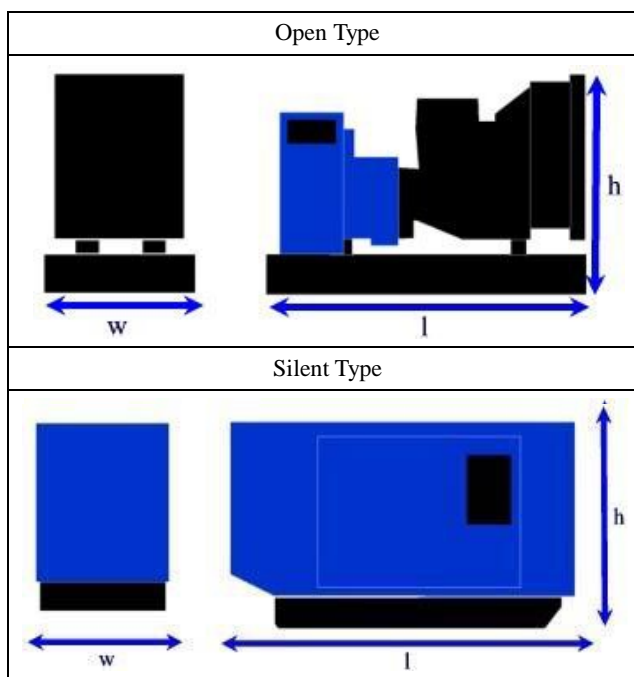
Westinpower TC66T

Standby power : 66KVA/52.8KW

Prime power : 60KVA/48KW

Standard features

- Engine : CUMMINS , 4BTA3.9-G2
- Charge alternator : 24V
- Governor : Electrical
- Generator : STAMFORD , UCI224E
- Single bearing alternator IP 23
- Insulation class H/H
- Radiator 50°C max with coolant cap
- Skid and vibration isolators
- Dry type air filter
- Main line circuit breaker
- 24V battery and cable
- Industrial muffler
- User's manual



Weight and Dimensions

GEN-Set	Dimension (L×W×H)	Weight
Open Type	1800mm×820mm×1355mm	948 Kg
Silent Type	2396mm×1056mm×1723mm	1314 Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	96	66/52.8	60/48

Engine Data

Manufacturer/Model	CUMMINS 4BTA3.9-G2 4-cycle
Cylinder /Arrangement	4 / L
Displacement	3.9 L
Bore and Stroke	102 mm×120 mm
Compression ratio	17.3 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	55 KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	134 L/s
Exhaust temperature	548 °C
Max back pressure	76mmHg

Fuel System

Fuel consumption 100% (of the Prime Power)	12.9 L / h
--	------------

Oil system

Total oil capacity w/filters	10.9 L
------------------------------	--------

Air intake

Engine air flow	52 L/s
-----------------	--------

Coolant System

Radiator & engine capacity	29.0 L
Max water temperature	104 °C
Thermostat	82-95 °C

Generator Data

Manufacturer / Type	STAMFORD / UCI224E
Number of phase power	3
Factor (Cos Phi)	0.8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	Brushless SHUNT
Insulation : class , temperature rise	H / H
protection	IP23

Control panel



The **DSE7320** is made by DEEP SEA in England and is a new control module for single gen-set applications, and it is an Automatic Start Control Module and is simple to operate, and the module includes USB, RS232 and RS485 for expansion device connectivity.

Specifications: Frequency meter, Ammeter, Voltmeter Alarms and faults Oil pressure, water temperature, No start-up, Over speed, Min/max alternator, Min/max battery voltage, Low fuel level, Emergency stop. Connect to VOLVO J1939. Engine parameters: Hours counter, Oil pressure, Water, temperature, Engine speed, Battery voltage, Fuel, Battery voltage, Fuel level.