

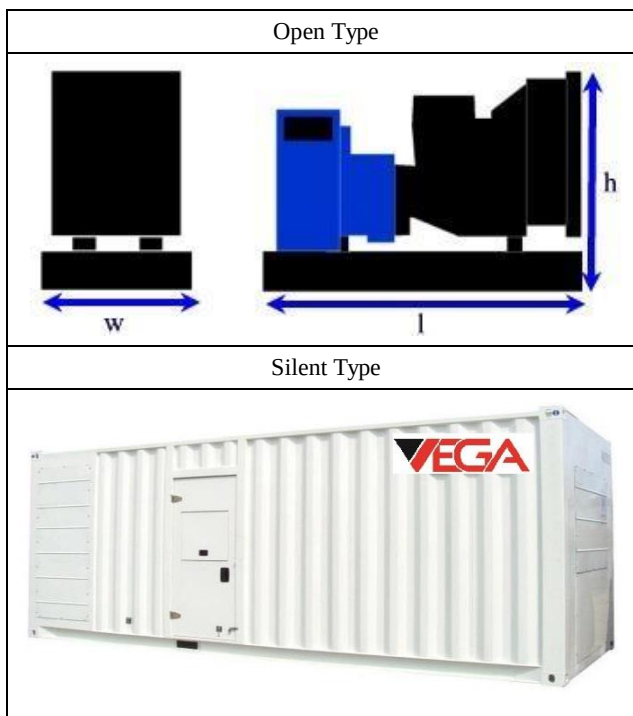
VGC1375S

Standby power : 1375KVA/1100KW

Prime power : 1250KVA/1000KW

Standard features

- Engine : CUMMINS , KTA50-G3
- Charge alternator : 24V
- Governor : Electrical
- Alternator : STAMFORD , LVI 634G
- 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
- User's manual



Weight and Dimensions

GEN-Set	Dimension (L×W×H)	Weight
Open Type	4977mm×2066mm×2447mm	9246 Kg
Container Type	12192mm×2438mm×2896mm	16196Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	1985	1375/1100	1250/1000

Engine Data

Manufacturer/Model	CUMMINS KTA50-G3 4-cycle
Cylinder /Arrangement	16 / 60° V
Displacement	50.3 L
Bore and Stroke	159 mm×159 mm
Compression ratio	13.9 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	1227KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electrical

Exhaust System

Exhaust gas flow	4011 L/s
Exhaust temperature	525°C

Max back pressure	51 mmHg
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Fuel System

Fuel consumption 100% (of the Prime Power)	274 L / h
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Oil system

Total oil capacity w/filters	177 L
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Air intake

Engine air flow	1746 L/s
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Coolant System

Radiator & engine capacity	161 L
Max water temperature	104°C
Thermostat	82-93°C

Alternator Data

Manufacturer / Type	STAMFORD / LVI 634G
Number of phase power	3
Factor (Cos Phi)	0.8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	PMG
Insulation : class , temperature rise	H / H
protection	IP23

Control panel



The DSE7320 is made by DEEPSEA 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.

Engine parameters: Hours counter, Oil pressure, Water, temperature, Engine speed, Battery voltage, Fuel level.