

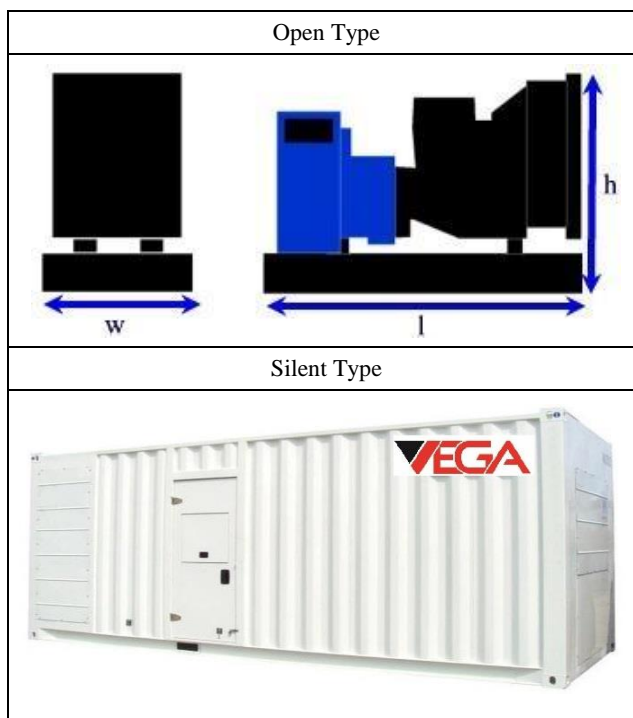
VGC1500S

Standby power : 1500KVA/1200KW

Prime power : 1400KVA/1120KW

Standard features

- Engine : CUMMINS , QSK50-G3
- Charge alternator : 24V
- Governor : ECM
- Alternator : STAMFORD , PI734B
- 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	5599mm×2188mm×2518mm	10196 Kg
Container Type	12192mm×2438mm×2896mm	17146Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	2165	1500/1200	1400/1120

Engine Data

Manufacturer/Model	CUMMINS QSK50-G3 4-cycle
Cylinder /Arrangement	16 / V
Displacement	50.3 L
Bore and Stroke	159 mm×159 mm
Compression ratio	15.0 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	1401KW
Frequency regulation , steady state	≤ 1%
Governor : type	ECM

Exhaust System

Exhaust gas flow	4995 L/s
Exhaust temperature	510°C
Max back pressure	6.8 kpa

Fuel System

Fuel consumption 100% (of the Prime Power)	301 L / h
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Oil system

Total oil capacity w/filters	204 L
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Air intake

Engine air flow	1995 L/s
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Coolant System

Radiator & engine capacity	106 L
Max water temperature	104°C
Thermostat	82-94°C

Alternator Data

Manufacturer / Type	STAMFORD / PI734B
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.

Note: All data sheets are for reference only and subject to change without prior notice.