

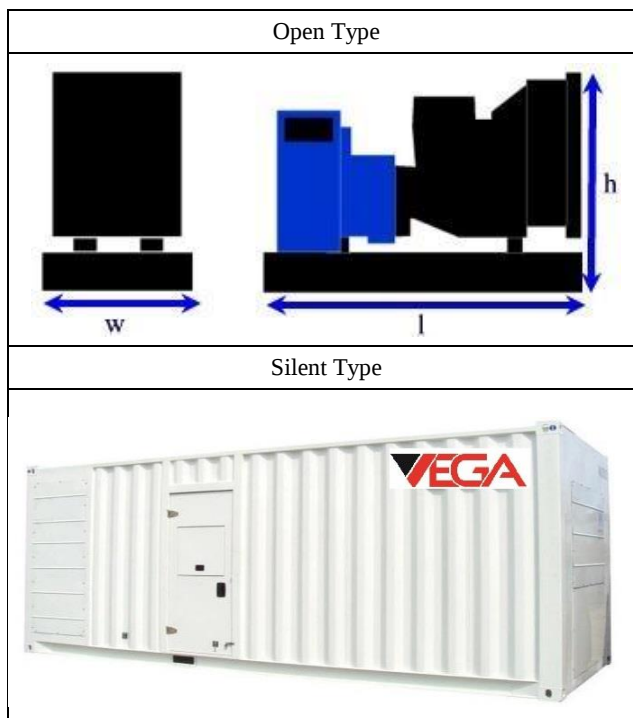
VGC550S

Standby power : 550KVA/440KW

Prime power : 500KVA/400KW

Standard features

- Engine : CUMMINS , QSX15-G8
- Charge alternator : 24V
- Governor : Electronic
- Alternator : STAMFORD , HCI 544C
- 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	3419mm×1300mm×1960mm	4218 Kg
Container Type	5306mm×1506mm×2586mm	5468Kg

Generator Ratings

Voltage	Hz	Phase	Power factor	Standby AMP	Standby Rating (KVA/KW)	Prime Rating (KVA/KW)
400/230	50	3	0.8	722	550/440	500/400

Engine Data

Manufacturer/Model	CUMMINS QSX15-G8 4-cycle
Cylinder /Arrangement	6 / L
Displacement	15 L
Bore and Stroke	137 mm×169 mm
Compression ratio	17 : 1
Rated RPM	1500 RPM
Max. stand by power at rated RPM	500KW
Frequency regulation , steady state	≤ 1%
Governor : type	Electronic

Exhaust System

Exhaust gas flow	1370/ L/s
Exhaust temperature	515°C
Max back pressure	76mmHg

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Fuel System

Fuel consumption 100% (of the Prime Power)	97.6 L / h
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Oil system

Total oil capacity w/filters	91 L
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Air intake

Engine air flow	605 L/s
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Coolant System

Radiator & engine capacity	75 L
Max water temperature	110°C
Thermostat	82-93°C

Alternator Data

Manufacturer / Type	STAMFORD / HCI544C
Number of phase power	3
Factor (Cos Phi)	0.8
Pole : number	4
Bearing : number	1
Coupling	Direct
Exciter type	SHUNT
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.