



Silent Diesel GENSET-SE SS165

Powered by **SDEC**

*PHOTOS FOR REFERENCE ONLY

Applicable Standards

- ISO 8528 – 5:2018
- GB/T2820.5 – 2009
- CE

Environmental Conditions

- Ambient temperature: +5°C ~ +40°C
 - Altitude: ≤ 1000m
- Remark: If your conditions are different from the above, please contact our sales.

Factory Inspection

- Complete design and quality inspection
- 0%, 25%, 50%, 75%, 100%, 110% load test.
- Function test.
- Protection test
- Visual inspection

Painting Process

- Spartan has the most advanced automatic spraying / powder coating production line, and is equipped with various sandblasting equipment to ensure higher quality.
- Canopy painting: Rigorous pretreatment process and world famous brand powder.
- Base Frame painting: Sandblasting process and world famous brand powder (Hempel paint is optional).



ISO9001 : 2015
Quality System Certified



ISO14001
System Certification



ISO45001
OH&S System Certifications



CE Certificate



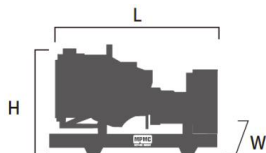
General Information

Rated Power	Prime (kVA)	150
	Prime (kW)	120
	Standby (kVA)	165
	Standby (kW)	132
Rated Frequency (HZ)		50HZ
Rated Speed (RPM)		1500RPM
Rated Voltage (V)		415
PF		0.8
Control System		Digital
Engine Model		6HTAA6.5-G22
Alternator Model		LYG 274EC
Generator Controller		DSE8610
Battery Charger		Battery charger for AGEN
Exhaust Silencer		

Non Standard Accessories

ABB MCCB MOTORIZED 3P 250A

Dimensions & Weight



Base Fuel Tank: 276 (L) ; Dimension to Ref.: 3150*1120*1700 (mm) ;

Engine Specifications

Engine

Engine Model	6HTAA6.5-G22
Manufacturer	SDEC
Place of Origin	China
Emission	T2 (China)
Cylinder Arrangement	Vertical inline
Number of Cylinders	6
Cycle	4 stroke
Aspiration	Turbocharged and Charge Air Cooled
Bore x Stroke (mm)	105x124(mm)
Displacement (L)	6.5 L
Speed Governor	Electric
Switchable	Y
Engine Gross Prime Power (kW)	140
Engine Gross Max. Power (kW)	155
Lube-oil Capability (L)	17.5 L



Fuel Consumption@110% load (L/h)	36.41
Fuel Consumption@100% load (L/h)	33.1
Fuel Consumption@75% load (L/h)	24.83
Fuel Consumption@50% load (L/h)	16.55
Starter Motor/ Charger Alternator (Vdc)	24 Vdc

Engine Accessories	
For 6HTAA6.5-G32	50°C Off-engine
Manual oil pump	HTG1009

Alternator Specifications

Alternator	
Alternator Model	LYG 274EC
Manufacturer	MPMC
Rated Output Power (kVA)	150
Alternator Type	Brushless
Phase	3
Poles	4
Exit Leads	12
Rated Voltage (V)	415
Rated Speed (RPM)	1500RPM
IP Protection Class	IP22
Insulation Grade	H
Winding Pitch	5/6
Bearing	Single
Coupling	Flexible disc

Alternator Accessories	
PMG+MX341	



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