



Silent Diesel GENSET-SE SS313

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 Certification



CE Certificate



General Information

Rated Power	Prime (kVA)	275
	Prime (kW)	220
	Standby (kVA)	313
	Standby (kW)	250
Rated Frequency (HZ)		50HZ
Rated Speed (RPM)		1500RPM
Rated Voltage (V)		415
PF		0.8
Control System		Digital
Engine Model		SC10E380D2
Alternator Model		LYG 314DC
Generator Controller		DSE6120
Battery Charger		Battery charger for AGEN
Exhaust Silencer		

Dimensions & Weight



Base Fuel Tank : 460 (L) ; Dimension to Ref. : 3550*1220*1950 (mm) ;

Engine Specifications

Engine	
Engine Model	SC10E380D2
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)	128x135(mm)
Displacement (L)	10.8 L
Speed Governor	Electric
Switchable	N
Engine Gross Prime Power (kW)	255
Engine Gross Max. Power (kW)	280
Lube-oil Capability (L)	41 L
Fuel Consumption@110% load (L/h)	66.99
Fuel Consumption@100% load (L/h)	60.9
Fuel Consumption@75% load (L/h)	45.68



Fuel Consumption@50% load (L/h)	30.45
Starter Motor/ Charger Alternator (Vdc)	24 Vdc

Engine Accessories	
For 6ETAA11.8-G22	50°C Off-engine
Manual oil pump	HTG1009

Alternator Specifications

Alternator	
Alternator Model	LYG 314DC
Manufacturer	MPMC
Rated Output Power (kVA)	325
Alternator Type	Brushless
Phase	3
Poles	4
Exit Leads	6
Rated Voltage (V)	415
Rated Speed (RPM)	1500RPM
IP Protection Class	IP22
Insulation Grade	H
Winding Pitch	5/6
Bearing	Single
Coupling	Flexible disc



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