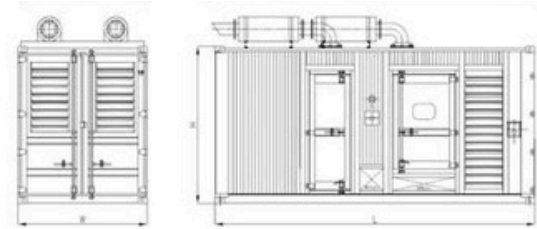


SGP 800S Diesel Generators



Typical Applications

- Power Plants: Providing backup power during outages or peak load periods.
- Construction Sites: Supplying electricity to remote or temporary sites where grid power is unavailable.
- Hospitals and Medical Facilities: Ensuring continuous power supply to critical equipment and services.
- Data Centers: Maintaining uninterrupted power for servers and networking equipment.
- Manufacturing Plants: Supporting production processes during power failures.
- Mining Operations: Delivering power to remote mining sites and heavy machinery.
- Commercial Buildings: Serving as a standby power source for office buildings, malls, and other commercial establishments.
- Telecommunication Centers: Keeping communication systems operational during power interruptions.



Technical Data

Parameter	Specification	Parameter	Specification
Model	SGP800S	Phase	3 Phase
Prime Power	800 kW / 1000 kVA	Engine	Perkins 4008TAG2 (UK)
Standby Power	880 kW / 1000 kVA	Open Type Dimensions L×W×H (mm)	4700 × 2050 × 2300
Frequency	50 Hz	Alternator	Leroy Somer TAL-A49-E
Generator noise levels	87DBS @ 1m and 50DB @7m	Controller	DEESEA DSE8610
Voltage	400V / 230V	Standard Equipment	ABB breaker, Speed governor, emergency stop button, MCCB, Electric start, 24V charger, two 12V storage batteries, Heavy duty steel base-frame, vibration-damper, silencer, elbow
Warranty	1 year or 1000 hours	Engine Power	947 kW
Optional Accessories	Heavy-duty air filter, Coolant heater, Lub oil heater, etc.	Displacement	30.561 L
Aspiration	Turbocharged, Air-to-air charge cooled	Compression Ratio	13.6:1
Number of Cylinders	8	Rated Speed	1500 RPM
Governor Type	Electric	Fuel Consumption (Prime Power)	215 L/h
Fuel Consumption (Prime Power)	215 L/h	Fuel Consumption (Standby Power)	240 L/h
Lub Oil Capacity	153.0 L	Open Type Weight (kg)	7611
Start Mode	DC24V Electric start	Alternator Efficiency	94.7%
Insulation Class	H	Silent Type Weight (kg)	11111
Voltage Regulation	±0.5%	Silent Type Dimensions L×W×H mm	6058×2438×2591