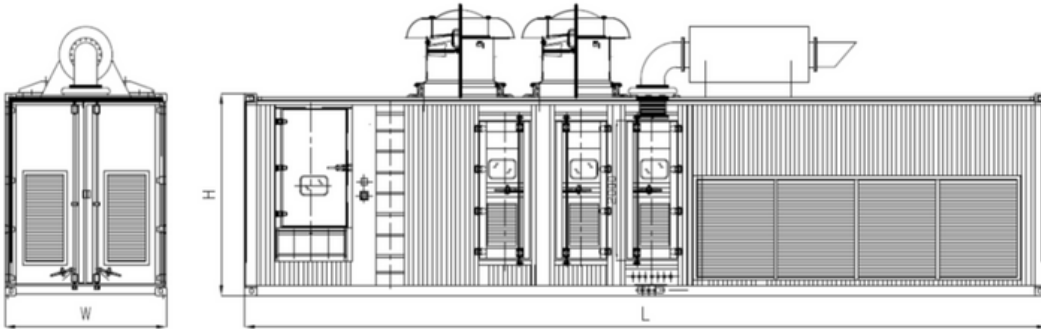


SGC 1600C Diesel Generators



Typical Applications

- **Residential Power Backup:** Reliable and quiet generators for uninterrupted home power supply during outages.
- **Commercial/Industrial Backup:** Robust units for stable power in factories, data centers, and commercial buildings.
- **Construction/Remote Sites:** Portable generators with extended fuel capacity for reliable power in remote locations.
- **Telecommunications/Broadcasting:** Dependable power for communication infrastructure in remote or outage-prone areas.
- **Healthcare Facilities:** Continuous power support for hospitals, clinics, and medical centers with real-time monitoring.
- **Emergency Services:** Essential power backup for fire stations, police stations, and disaster response centers.
- **Off-Grid Power:** Reliable off-grid electricity for remote cabins, research facilities, and off-grid homes.



Technical Data

Current (A)	2887
Connection	3P 4W / Y
Rated Power Factor	0.8
Open Type (L×W×H) mm	6600×2250×2750
Open Type(Weight) kg	16500
Silent Type (L×W×H) mm	12192×2438×2896
Silent Type(Weight) kg	24500

Freq: 50Hz
Volt: 230/400V PF=0.8
 Three Phase Generator

Engine : cummins, including air filters, fuel filters, oil filters, starting motor and charging alternator etc.

Alternator Leroy somerbrushless AC alternator 40°C, fan protective shroud

Radiator ≤520KW: base mounted fuel tank, anti-vibration pads, battery holder

Base frame >520KW: channel steel base frame, anti-vibration pads, battery holder

Model	Prime power		Standby Power	Voltage	Engine model	Alternator	Controller	Circuit breaker	Enclosure
	KW	KVA				LEROY SOMER			
SGC1600C	1600	2000	2250	230	CUMMINS KTA50-G16B	LSA 52.3 S6	DSE7320	ABB Breaker	40HQ