



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.
- Please note that the specified ratings are applicable at sea level. For higher altitudes, derate the sets by 1% per 100m and by 2% per 5°C above 20°C.

Technical Data

GENERATOR MODEL		SGC 45C	SGC 64C	SGC 80C	SGC 104C	SGC 144C	SGC 200C	SGC 250C	SGC 280C	
Prime/Standby Power Output	KVA	56/63	80/88	100/110	130/143	180/200	250/275	313/350	350/375	
	KW	45/50	64/70	80/88	104/114	144/158	200/220	250/280	280/300	
Engine Data	Type	Cummins 4BTA3.9-G2	Cummins 4BTA3.9-G11	Cummins 6BT5.9-G2	Cummins 6BTA5.9-G2	Cummins 6CTA8.3-G2	Cummins NT855-GA	Cummins NTA855-G1B	Cummins NTA855-G2A	
	Rated Power @ 1500rpm (kW)	55	70	86	120	180	231	284	310	
	Max Power @ 1500rpm (kW)	50	80	92	130	163	254	321	313	
	Aspiration	Turbo charged & Aftercooled								
	No. of cylinders	4			6					
	Displacement (L)	3.9			5.9		8.3	14		
	Fuel Consumption (litres/hr)	10	13.2	17	23	30	41.3	54.3	54.9	
		12.9	17.6	22	30	40	53.4	71.4	71.9	
Fuel Tank Size (litres)	130		280		330		770			
Dimensions & Weights	Length, A (mm)	2300		2800			42000			
	Width, B (mm)	1100						15000		
	Height, C (mm)	1290		1470	1800		2100			
	Dry Weight (kgs)	1320	1410	1600	1700		4050	4250	4300	