

## Diesel Generator Set:GB-C400

Standard Features	
MODEL	GB-C400
Standby Power(50Hz)	352KW/440KVA
Prime Power(50Hz)	320KW/400KVA
Engine	CUMMINS QSNT-G3
Alternator	LEROYSOMER TAL-A47-A

- Standard control panel, Including controller, Operation lighting, Emergency stop button, Buzzer
- Main line circuit breaker
- Two 12V free maintenance battery, battery charger, Battery Ract and Battery Switch
- Industrial silencer, Ripple Flex exhaust pipe, Flange
- Fork lift position and lifting position
- With-8 hours Base Fuel Tank; Fuel Tank Capacity: 550L
- Radiator 50°C max, Fans driven by Belt, with safety Guard
- Hand pump special for take out dirty oil



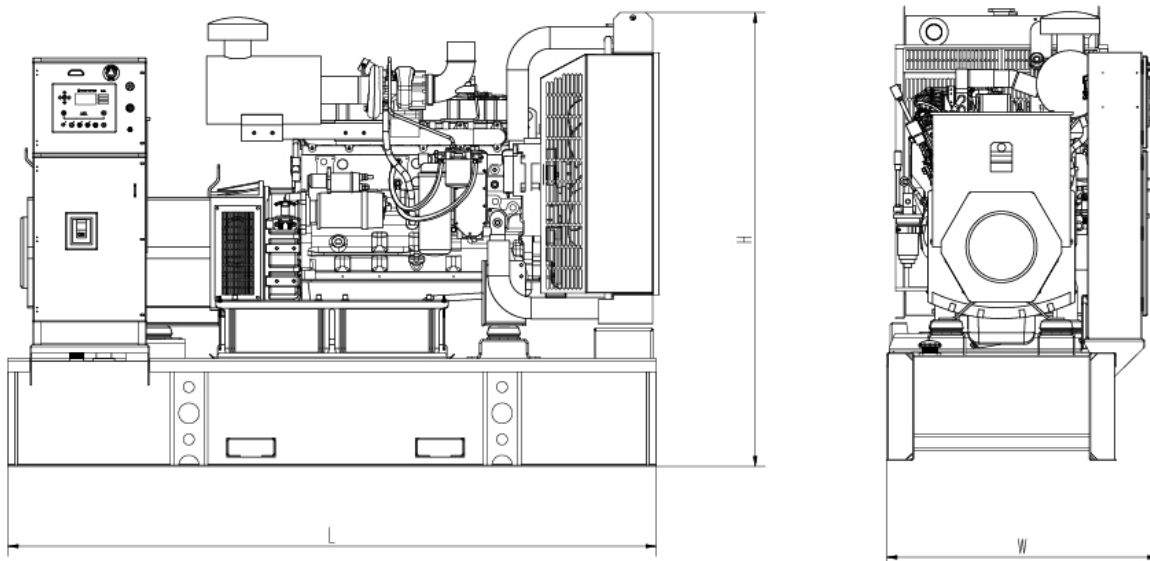
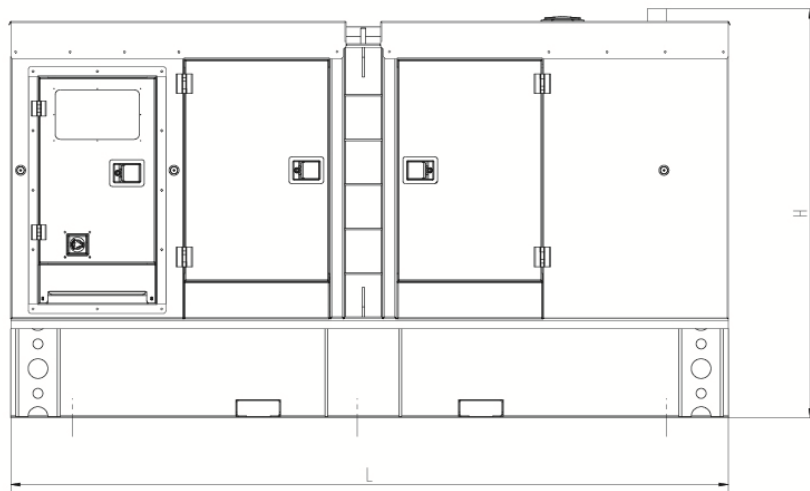
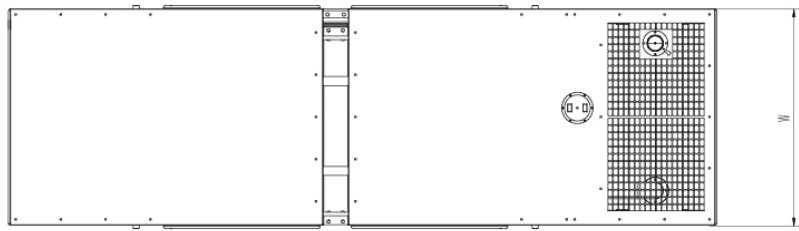
Open Type

Silent Type

Generator Set Ratings						
Voltage	Frequency	Phase	P.F (COS $\phi$ )	Prime Current Amps	Standby Power (KW/KVA)	Prime Power (KW/KVA)
440/254	50	3	0.8	525	352/440	320/400
415/240	50	3	0.8	556.5	352/440	320/400
400/230	50	3	0.8	577	352/440	320/400
380/220	50	3	0.8	608	352/440	320/400

Prime Power(PRP):Prime power is available for an unlimited number of annual hours in variable load application, in accordance with GB/T2820-97(eqvISO8528);10% overload capability is available for a period of 1 hour within a 12-hour period of operation. Standby Power Rating (STP):The standby power rating is applicable for supplying emergency

Dimension & Weight Of Generator Set	
Dimension(L*W*H)/CM For Open Type	320×119×212 CM
Net Weight/KG For Open Type	3200 KG
Dimension(L*W*H)/CM For Silent Type	450×154×208 CM
Net Weight/KG For Silent Type	4100 KG
Dimension (L*W*H)/MM For Trailer Type	
Net Weight/KG For Trailer Type	



Specification of Engine		
Basic Specific ation	Engine Model	QSNT-G3
	Manufacturer	CCEC CUMMINS
	Prime Power	358KW/487HP
	Standby Power	392KW/533HP
	Engine Configuration	6Cylinder In Line, 4Stroke,Direct Injection
	Gas Feeding Model	Turbo Charged
	Bore × Stroke	140 × 152(MM)
	Displacement	14L
	Rated Speed	1500RPM
	Speed Governor	Electric Governor
	Starter Model	24V DC Start
	Cooling System	Water Cool
	Compression Ratio	14:1
Exhaust System	Exhaust Gas Flow	1150L/s
	Exhaust Temperature	497℃
	Max Back Pressure	10kPa
Air Intake System	Max Intake Restriction	6.25kPa
	Burning Capacity	510L/s
	Air Flow	8180L/s
Fuel System	Fuel Consumption (Prime Power 100%) Load	89.2L/H
	Fuel Consumption (Prime Power 75%) Load	67.8L/H
	Fuel Tank Capacity	550L
Lubrication System	Oil Capacity	38.6L
	Oil Consumption	≤0.24L/h
	Oil Pressure at Rated RPM	241-345kPa
Cooling System	Total Coolant Capacity	63.9L
	Thermostat Open Temperature	82-93℃
	Max Coolant Temperature	100℃

### Specification of Alternator

Basic Specification	Alternator Model	TAL-A47-A
	Manufacturer	LEROYSOMER company
	Prime Output	328KW/410KVA
	Standby Output	360KW/450KVA
	Excitation Model	Brushless, Self-Exciting
	Cooling Method	Air Cooling
	Connection Type	3 Phase and 12 Wires "Star" Connection
	Power Factor	0.8
	Protection Class	IP23
	Insulation Class	H
	Altitude	≤ 1000m
	Voltage Regulation, Steady State	≤ ± 1%
	Telephone Influence Factor	< 50
	Sudden Voltage Warp (100% Sudden Reduce)	≤ ± 1%
	Sudden Voltage Warp (Sudden Increase)	≤ ± 25%
	Voltage Stable Time (100% Sudden Reduce)	≤ 6S
	Voltage Stable Time (Sudden Increase)	≤ 6S
	Frequency Reduce	0-5% adjustable
	Frequency Regulation, Stead State	≤ 1.5%
	Frequency Waving	≤ 0.8%
	Sudden Frequency Warp (100% Sudden Reduce)	≤ +12%
	Sudden Frequency Warp (100% Sudden Increase)	≤ -10%
	Frequency Recovery Time (100% Sudden Reduce)	≤ 5S
Frequency Recovery Time (Sudden Increase)	≤ 5S	

Compliance GB755,BS5000,VDE0530,NEMAMG1-22,IED34-1,CSA22.2 and AS1359 Stands

**Control Panel System**

**1.SINGLE SET GEN-SET CONTROLLER**

SUM : They meet all possible requirements for AMF applications,including modem control,user configuration and full gen-set monitoring and protection. AMF models enable the combination of manual and remote start application with auto mains fail function.

**KEY FEATURES:**

1. High water Temperature Shutdown	 <p>a.DSE 6020KII</p>
2. Low Oil Pressure Shutdown	
3. Over Speed Shutdown	
4. Over Crank Shutdown	
5. Function as Emergent Stop	 <p>b.ComAp AMF 20</p>
6. Heated Display Option	
7. Breaker Control Buttons on Front Fascia	
8. Alternative Configuration (50Hz/60Hz)	
9.Support ATS Function	b.ComAp AMF 20
<b>KEY FEATURES:</b>	
1. High Water Temperature Shutdown	 <p>c.DSE 7320</p>
2. Low Oil Pressure Shutdown	
3. Over Speed Shutdown	
4. Over Crank Shutdown	
5. Function as Emergent Stop	 <p>d.ComAp AMF 25</p>
6. With Remote Teleport Communication RS 485	
7. Heated Display Option.	
8. Alternative Configuration (50HZ/60HZ)	
9. Support ATS Function	 <p>d.ComAp AMF 25</p>
10. Remote Communications (RS232 & RS485)	
11. Fuel Usage Monitor And Low Level Alarms.	
12. Engine Specific J1939 for All Major Manufacturers	
13. Configurable Display Languages.	
14. Load Switching, Load Shedding&Dummy Load Outputs.	
15. Alternative Configuration (50Hz/60Hz)	d.ComAp AMF 25



Generator Set Options and Accessories			
<b>Generator Set Design</b>		<b>Control System</b>	
Open Type	<input type="checkbox"/>	AMF( Automatic Management Function)	<input type="checkbox"/>
Silent Type	<input type="checkbox"/>	ATS( Automatic Transfer System)	<input type="checkbox"/>
Super Silent Type	<input type="checkbox"/>	ASS( Automatics Synchronization System)	<input type="checkbox"/>
Trailer Type	<input type="checkbox"/>	Remote Control Puma	<input type="checkbox"/>
<b>Fuel System</b>		<b>Alternator</b>	
12 Hour Base Tank(single wall)	<input type="checkbox"/>	PMG(EBS) Excitation	<input type="checkbox"/>
24 Hour Base Tank(single wall)	<input type="checkbox"/>	Space Heater	<input type="checkbox"/>
Dual Wall Base Fuel Tank	<input type="checkbox"/>	<b>Preheater System</b>	
Outside Fuel Tank	<input type="checkbox"/>	Coolant Preheater	<input type="checkbox"/>
Automatic Refueling Compensation System	<input type="checkbox"/>	Oil Preheater	<input type="checkbox"/>
<b>Exhaust System</b>		Battery Preheater	<input type="checkbox"/>
Residential Exhaust Silencer	<input type="checkbox"/>		
<b>Circuit Breaker Brand</b>			
CHNT	<input type="checkbox"/>		
ABB	<input type="checkbox"/>		