

DIESEL GENERATION AUSTRALIA

DGLGYL13S

50Hz 1500RPM 10kW/12kVA

50Hz

■ Engine	3TNV88-GGHWC	YANMAR
■ Alternator	TAL-A40-C	LEROYSOMER
■ Controller	DSE4620	Deepsea

Prime power	10kW/12.5kVA
Standby power	11kW/13.75kVA



- Electric speed control
- 12V starting batteries, maintenance-free type, connecting cables
- Equipped with ABB MCCB
- Equipped with industrial silencer and flexible exhaust hose
- Radiator 40°C max, fans are driven by belt with safety guard
- Base fuel tank: 24hour bunded fuel tank
- 12V charge alternator
- Australia socket with RCBO
- Equipped with battery charger
- Design comply to ISO8528/GB2820
- Absorber (anti instant braking)
- User manual, Packing list

General Ratings

Voltage	Power				Frequency (Hz)	Phase	P.F (COS ϕ)	Prime Current (A)
	Prime		Standby					
	kw	kva	kw	kva				
240.0	10	12.5	11	13.75	50	1	0.8	41.7

Prime power

This rating is for the supply of continuous electrical power at variable load. A 10% overload capability is available for a period of 1 hour within each 12-hour period of operation.

Standby power

This rating is for the supply of continuous electrical power at variable load in the event of utility power failure. No overload is permitted.

Dimension And Weight



Silent with Canopy
Size(L×W×H): 1650×800×1102(mm)

620KG

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Engine Specifications

1	Engine model	3TNV88-GGHWC
2	Engine manufacturer	YANMAR
3	Number of cylinders	4
4	Cylinder arrangement	Vertical in line
5	Cycle	4 stroke
6	Aspiration	Naturally
7	Bore×Stroke(mm×mm)	88*90
8	Displacement (Liter)	1.642
9	Compression Ratio	19.1:1
10	Prime power/speed (kW/RPM)	10.0/1500RPM
11	Standby power/speed (kW/RPM)	11.8/1500RPM
12	Speed governor	Mechanical
13	Cooling system	Water-cooled
14	Coolant capacity (engine only) (L)	2
15	Steady speed droop (%)	≤ 5%
16	Total lubrication system capacity (L)	6.7
17	Oil consumption (% of fuel)	<0.15%
18	Fuel consumption at 100% load (L/H)	3.0
19	Starter motor	DC 12V/12.KW

Alternator Specifications

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

1	Alternator model	TAL-A40-C
2	Alternator manufacturer	LEROYSOMER
3	Exciter type	Single bearing, Brushless, Self-excited
4	Rated output prime power	10.5KW
5	Rated speed	1500 RPM
6	Rated frequency	50 Hz
7	Phase	1
8	Rated voltage	2V
9	Power factor	0.8
10	Voltage adjust range	≥5%
11	Voltage regulation NL-FL	≤±1%
12	Insulation grade	H
13	Protection grade	IP23

Main Electrical Performance Data

Voltage				Frequency			
Stable Regulation rate	Fluctuation	Recover time	Instantaneous Regulating rate	Stable regulation rate	Instantaneous regulating rate	Recover time	Fluctuation
+/-2.5%	0.5%	1.5s	+20%/-15%	+5%	+/-10%	5S	0.5%


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Control System

Deepsea (UK)	Model	DSE4620	
Protection	Parameter		
■ Low oil pressure	■ Volt	■ oil pressure	
■ High water temp	■ current	■ oil temp	
■ Over speed	■ power	■ power factor	
■ Over crank	■ speed	■ running time	
■ Over load	■ frequency	■ water temp	
■ Over/low volt		■ battery voltage	
■ Over/low frequency			
■ Battery charge failure			

Option

External ATS



Water Heater



Oil Heater



Paralleling System

