

DIESEL GENERATION AUSTRALIA

DGLGYL22

DHz 1500RPM 14kW/17.5kVA

50Hz

General Features

4TNV84T-GGE Engine TAL-A40-F Alternator DSE4620 Controller

YANMAR LEROY SOMER **DEEPSEA**

Prime power	16kW / 20kVA
Standby power	18kW / 22kVA



- Electric speed control
- 12V starting batteries, maintennance-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: 100L 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

		F	Power		Fraguanay		PF	Prime Current
Voltage	Prime		Standby		Frequency	Phase	(COS¢)	Filine Current
	kw	kva	kw	kva	(Hz)		(000¢)	(A)
415/240V	16	20	18	22	50	3	0.8	26.1

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 peiord of operation.

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): 1850×800×1400(mm) N.W.: 640 (kgs)





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Engine S	pecifications	
1	Engine model	4TNV84T-GGE
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)	84*90
8	Displacement (Liter)	1.995
9	Compression Ratio	18.1:1
10	Prime power/speed (kW/RPM)	19.1/1500RPM
11	Standby power/speed (kW/RPM)	21/1500RPM
12	Speed governor	Mechanical
13	Cooling system	Water-cooled
14	Coolant capacity (engine only) (L)	2.7
15	Steady speed droop (%)	≤ 5%
16	Total lubrication system capacity (L)	7.4
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

Compilario	22,122	704 1,007 (22.2 und 7/0 1000
1	Alternator model	TAL-A40-C
2	Alternator manufacturer	LEROYSOMER
3	Exciter type	Single bearing, Brushless, Self-excited
4	Rated output prime power	20kVA
5	Rated speed	1500 RPM
6	Rated frequency	50 Hz
7	Phase	3
8	Rated voltage	415V
9	Power factor	0.8
10	Voltage adjust range	≥5%
11	Voltage regulation NL-FL	≤±1%
12	Insulation grade	Н
13	Protection grade	IP23

Main Electrical Performance Data

		Voltage			Fr	equency	
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		
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

