

DIESEL GENERATION AUSTRALIA

DGLGYL19P

50Hz 1500RPM 14kW/17.5kVA

50Hz

Ger	lora	-aa	411	rac

Engine 4TNV88-GGHWC Yanmar
 Alternator TAL-A42 - SJ 6S/4 30kVA Leroy Somer
 Controller DSE4620 DeepSea

Prime power	14kW/17.5kVA
Standby power	15kW/19kVA







- Electric speed control
- Oversize Alternator
- 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:400L 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		Eroguenev		PF	Prime Current
Voltage	Prime		Standby		Frequency	Phase	(COS¢)	Filine Guitent
	kw	kva	kw	kva	(Hz)		(000¢)	(A)
415/240V	14	17.5	15	19	50	3	0.8	26.1

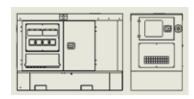
Prime power

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 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):1850×860×1450(mm) N.W.: 1060 (kgs)





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Engine S	pecifications	
1	Engine model	4TNV88-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)	1.995
9	Compression Ratio	19.1:1
10	Prime power/speed (kW/RPM)	18/1500RPM
11	Standby power/speed (kW/RPM)	16.4/1500RPM
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)	0.3
19	Fuel consumption at 75% load (L/H)	N/A
20	Fuel consumption at 50% load (L/H)	N/A
21	Starter motor	DC 12V/12.KW
22	Dynamo	AC 12V

Alternator Specifications

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

•		·
1	Alternator model	TAL-A42-CJ 6S/4
2	Alternator manufacturer	LEROYSOMER
3	Exciter type	Single bearing, Brushless, Self-excited
4	Rated output prime power	30kVA
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

Alternator option

Mecc Alte, Stamford,

Main Electrical Performance Data

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





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Control System			
Deepsea (UK)	Model		DSE4620
rotection	Parameter		РНОТО
Low oil pressure	Volt	oil pressure	
High water temp	current	oil temp	and has been been been been been been been bee
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

Generator Set

- Trailer generator set
- ABB MCCB circuit breaker
- 50°C Radiator

Fuel system

- 12 hours base fuel tank
- 24 hours base fuel tank
- Dual wall base fuel tank
- External fuel tank

Exhaust system

Residential exhaust silencer

Alternator

- Anti Condensation Heater
- Water heater

Oil heater

Rapid water preheater (diesel burner)

Auto system

- Remote Control panel
- ATS control cabinet
- Paralleling System





Water Heater



Oil Heater



- PMG excitation
- For cold area

Paralleling System

