

CAPACITY		Unit
Standby @ 40°C	52.8	kW
Standby @ 40°C	66	kVA
Standby @ 50°C	49.5	kW
Standby @ 50°C	62	kVA
Prime Power @ 40°C	48	kW
Prime Power @ 40°C	60	kVA
Prime Power @ 50°C	45	kW
Prime Power @ 50°C	56.4	kVA
Full load Amps	83	A
No of Phases	3	
Voltage	415/240	V
Altitude	<1000	m
Altitude Deration Factor	1.0% per 100m	
Single Step Load Acceptance	29	kW
Maximum Starting kVA @ 30% Voltage Dip	150	kVA

POWER OUTLETS	Qty	Protection		
		C/Breaker	RCD	
Amps/No of Poles/Brand				
15 Amp Single Phase Auto Switched	2		16/2/GWR	
20 Amp Single Phase Man Switched	1		20/2/GWR	
20 Amp Three Phase Man Switched	1	20/3/GWR	40/4/GWR	
32 Amp Three Phase Man Switched	0			
50 Amp Three Phase Man Switched	2	50/3/GE	63/4/GWR	
63 Amp Three Phase Man Switched	0			
Australian Complaint Clipsal, ABL Surum, PDL outlets			Yes	
Battery Charger	1		10/2/GWR	
RCD Test Outlet	1	2/2/GE		
Hard Wire Mains Terminals	1	10/3/GWR	40/4/GWR	
Main Circuit Breaker	1	80/3/NHP		
Ability to lock off main circuit breaker			Yes	
RCD Relay	1		Schneider RH99P	
Adjustable mA Range/Adjustable Time Range/Factory Setting (mA/Time)		0.03-30A	0-4.5s	30mA /0S
Auxiliary Mounted Shunt Mechanism Make/Model		NHP/shunt trip		
10 amp test outlet with momentary			Yes	
2 & 3 Pole RCDs 30mA each outlet			Yes	
ELR Test Facility			Yes	
Lockable Isolating Switch Outlet Board			Yes	
External Emergency Stop (Yellow)			Yes	
Panel Emergency Stop			No	
Cable Gland Access Plate			Yes	
GPOs Isolator	1	80/3/NHP		

FUEL		Unit
Speed Governor	Mechanical	
Fuel Consumption @ Full Load	13.9	L/Hr
Fuel Consumption @ 75% Load	10.4	L/Hr
Fuel Consumption @ 50% Load	7.2	L/Hr
Running Time @ Full Load		Hours
	20	
Running Time @ 75% Load	26	Hours
Fuel tank capacity	280	Litres



PROTECTIONS		Unit
High Coolant Temperature	Yes	
Low Oil Pressure	Yes	
Low Coolant Level	Yes	
Overcurrent Protection at Prime Rating	Yes	
Overspeed	Yes	
Underspeed	Yes	

ENGINE		Unit
Engine Model	1103A-33TG2	
Engine Manufacturer	Perkins	
Number of Cylinders	3	
Cylinder Arrangement	Vertical in-line	
Cycle	Four stroke	
Aspiration	Turbocharged aspiration	
Compression Ratio	17.25:1	
Bore	105	mm
Stroke	127	mm
Cubic Capacity	3.3	Litres
Tier	N.A.	

EXHAUST		Unit
Maximum Back Pressure	10	kPa
Exhaust Outlet Size and Insulation Details	63	mm
Exhaust Lagging Inside Engine Area with Turbo Guard	Yes	
Spark Arrester	15m ³ /min/Universal/2.5" Imperial	

ALTERNATOR		Unit
Alternator Model	LSA 43.2 M45	
Alternator Manufacturer	LEROY SOMER	
Type	Tropical	
Excitation Type	AREP	
Voltage Regulator	R438	
Voltage Regulation	±0.5	%
Winding Connection	12	
Insulation	CLASS H	
Protection	Class 4 Tropicalised	
12 Wire Reconnectable	Yes	
2/3 Pitch	Yes	
3 Phase Sensing	Yes	
Rated Power Factor	0.8	
Frequency	50	Hz

ELECTRICAL CONTROLS		Unit
Controller Type/Model	ComAp/AMF25NT	
2-Wire Start Remote Controller (No Keys; with Instrumentation V, A, HZ, WT, OP)	Yes(Read from the controller)	
Battery Charge Indicator/Failure		
Single Machine Island Operation Only	Yes	
Program No	TBA	
Factory Default Parameters	Supplied separately	

DIMENSIONS		Unit
Length	2740	mm
Width	1140	mm
Height	1690	mm
Dry Weight	1678	kg
Wet Weight	1920	kg

NOISE		Unit
Sound Level at 7m @ Full Load	69.5	dB(A)
Sound Level at 7m @ 75% Load	67.6	dB(A)