

CAPACITY		Unit
Standby @ 40°C	26.4	kW
Standby @ 40°C	33	kVA
Standby @ 50°C	24.2	kW
Standby @ 50°C	30.8	kVA
Prime Power @ 40°C	24	kW
Prime Power @ 40°C	30	kVA
Prime Power @ 50°C	22	kW
Prime Power @ 50°C	28	kVA
Full load Amps	41.7	A
No of Phases	3	
Voltage	415/240	V
Altitude	<1000	m
Altitude Deration Factor	1.5% per 100m	
Single Step Load Acceptance	24	kW
Maximum Starting kVA @ 30% Voltage Dip	61	kVA

ENGINE		Unit
Engine Model	1103A-33G	
Engine Manufacturer	Perkins	
Number of Cylinders	3	
Cylinder Arrangement	Vertical in-line	
Cycle	Four stroke	
Aspiration	Naturally aspiration	
Compression Ratio	19.25:1	
Bore	105	mm
Stroke	127	mm
Cubic Capacity	3.3	Litres
Tier	N.A.	

EXHAUST		Unit
Maximum Back Pressure	8	kPa
Exhaust Outlet Size and Insulation Details	56	mm
Exhaust Lagging Inside Engine Area with Turbo Guard	Yes	
Spark Arrester	8.5m ³ /min/Universal/2.5" Imperial	

POWER OUTLETS	Qty	Protection	
		C/Breaker Amps/No of Poles/Brand	RCD
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	1	32/3/GE	40/4/GWR
50 Amp Three Phase Man Switched	0		
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	50/3/GE	
Ability to lock off main circuit breaker		Yes	
RCD Relay	1	Schneider RH99P	30mA/
Adjustable mA Range/Adjustable Time Range/Factory Setting (mA/Time)		0.03-30A	0-4.5s OS
Auxiliary Mounted Shunt Mechanism		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 Background)		Yes	
Panel Emergency Stop		No	
Cable Gland Access Plate		Yes	
GPOs Isolator	1	63/3/GE	

ALTERNATOR		Unit
Alternator Model	LSA 42.2 L9	
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) Battery	Yes(Read from the controller)	
Charge Indicator/Failure		
Single Machine Island Operation Only	Yes	
Program No	TBA	
Factory Default Parameters	Supplied separately	

DIMENSIONS		Unit
Length	2390	mm
Width	1080	mm
Height	1490	mm
Dry Weight	1438	kg
Wet Weight	1620	kg

NOISE		Unit
Sound Level at 7m @ Full Load	66	dB(A)
Sound Level at 7m @ 75% Load	63.9	dB(A)

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