

# LOAD TEST REPORT

GEN. SES# 5018236

Serial Number G16A00720 Prime Rating (kVA): 1825 kW

Hour Meter: 44345

	Load %	Duration (min)	Load kVA	Volts R-Y	Volts Y-B	Volts R-B	Amps R	Amps Y	Amps B	Hz	Engine Speed	Oil Pressure	Water Temp	Exhaust Temp	Amb. air Temp.
Step 1	0	5 min	0	400	400	400	0	0	0	50.6	1516	532	51		40
Step 2	50% Prime	30 min	500	400	402	402	752	747	750	50.6	1515	480	70		40
Step 3	80% Prime	20 min	127	400	401	402	1686	1689	1680	50.6	1517	440	80		41
Step 4	100% Standby	10 min	127	400	401	401	2410	2422	2420	50.5	1516	428	83		41

Gen Size (kVA)	0% Load	Time (mn)	50% Load	Time (mn)	80% Load	Time (mn)	100% Load	Time (mn)	Total time (mn)	
32	0	5	32	30	51	20	64	10	65	<p style="text-align: center;"><i>Simulation of High Coolant Temperature Protection</i></p> <p>Alarm at: .....Degrees      Engine stop at: ..... Degrees</p> <p>Test Passed      Yes <input checked="" type="checkbox"/>      No <input type="checkbox"/></p> <p>Battery DC Voltage <span style="font-size: 1.2em;">27.1</span></p> <p>Comments (adjustments, etc.)</p> <p style="font-size: 1.2em;">load Tested with safety</p>
70	0	5	35	30	56	20	70	10	65	
80	0	5	40	30	64	20	80	10	65	
100	0	5	50	30	80	20	100	10	65	
135	0	5	68	30	108	20	135	10	65	
180	0	5	90	30	144	20	180	10	65	
250	0	5	125	30	200	20	250	10	65	
300	0	5	150	30	240	20	300	10	65	
315	0	5	158	30	252	20	315	10	65	
360	0	5	180	30	288	20	360	10	65	
500	0	5	250	30	400	20	500	10	65	
800	0	5	400	30	640	20	800	10	65	
1250	0	5	625	30	1000	20	1250	10	65	
1500	0	5	750	30	1200	20	1500	10	65	

Important:

A: Step 1 to Step 2 must be on Block Load

B: Test to be carried out all Canopy Doors closed

Technician: Shabaz Ali	Engineer: Manoj [Signature]	Date: 27-09-21
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All Tests @ 50Hz 400V

Continue to run genset after test until fan of load bank shuts off