

Customer

Name: HIMOINSA S.L

Engineer: 8591

Test Centre: HIMOINSA

Supply

Model: HFW-100-INS

Rating: 100kVA 0.80cosØ 80kW 3Wire
400V 50Hz 3Ph

Class

G2	Steady State	Transient Increase	Transient Decrease	Recovery Time	Tolerance Band
Voltage:	2.5%	20.0%	25.0%	6s	5.0%
Frequency:	1.5%	10.0%	12.0%	5s	2.0%

Engine

Make:	FPT	Type No.:	NEF45TM2A
Serial No.:	2272398	Speed:	1500
Governor:	MECHANICAL	Battery GND:	NEG

Alternator

Make:	STAMFORD	Type No.:	UC. I274C1
Serial No.:	X25L492402	AVR:	AS440
Phase Order:		Drop Kit:	

Test Summary

Step	Elapsed Time h:mm:ss	Power % kW	Power Factor cosØ	Step Duration h:mm:ss	Power kVA	Power Factor cosØ	Current A (L1)
1	00:00:00	0.0	1.00	00:01:01	0	1.00	0
2	00:01:00	25.0	1.00	00:02:02	20	1.00	29
3	00:03:12	50.0	1.00	00:03:03	40	1.00	57
4	00:06:24	75.0	1.00	00:03:03	60	1.00	86
5	00:09:37	100.0	1.00	00:07:05	80	1.00	115

Elapsed Time	Power kVA	Power Factor cosØ	Frequency Hz	Voltage V (L1-L2)	Voltage V (L2-L3)	Voltage V (L3-L1)	Current A (L1)	Current A (L2)	Current A (L3)
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Start: 100.0% 1.00cosØ at 00:00:00

Load Accepted: 0.0% 1.00cosØ at 00:00:00

00:00:26	0	1.00	51.6	404	404	404	0	0	0
00:00:51	0	1.00	51.6	404	404	404	0	0	0

Load Accepted: 25.0% 1.00cosØ at 00:01:01

00:01:17	20	1.00	51.2	403	404	404	29	29	29
00:01:42	20	1.00	51.2	403	403	404	29	29	29
00:02:07	20	1.00	51.2	403	403	404	29	29	29
00:02:32	20	1.00	51.2	403	403	404	29	28	29
00:02:57	20	1.00	51.2	403	403	404	29	28	29

Load Accepted: 50.0% 1.00cosØ at 00:03:13

00:03:23	40	1.00	50.7	403	403	403	58	58	58
00:03:48	41	1.00	50.8	403	403	404	58	58	58
00:04:13	40	1.00	50.8	403	403	404	58	58	57
00:04:38	40	1.00	50.8	403	403	404	58	58	57
00:05:03	40	1.00	50.8	403	403	404	57	58	57
00:05:28	40	1.00	50.8	403	403	404	57	57	57
00:05:53	40	1.00	50.8	403	403	403	57	57	57
00:06:18	40	1.00	50.8	403	403	404	57	57	57

Load Accepted: 75.0% 1.00cosØ at 00:06:25

00:06:44	61	1.00	50.4	402	403	403	87	87	87
00:07:09	60	1.00	50.4	403	403	404	87	86	87
00:07:34	60	1.00	50.4	402	403	403	87	86	87
00:07:59	60	1.00	50.4	403	403	404	86	86	86
00:08:24	60	1.00	50.4	402	403	403	86	86	86
00:08:49	60	1.00	50.4	402	403	403	86	86	86
00:09:14	60	1.00	50.4	402	403	403	86	86	86

Load Accepted: 100.0% 1.00cosØ at 00:09:37

00:09:39	64	1.00	50.3	403	403	404	91	91	91
00:10:05	80	1.00	50.0	402	403	403	115	114	115
00:10:30	80	1.00	50.2	402	403	403	115	114	115
00:10:55	79	1.00	50.2	402	403	403	114	113	114
00:11:20	79	1.00	50.2	402	403	403	114	113	114
00:11:45	79	1.00	50.2	402	402	403	114	113	114
00:12:10	79	1.00	50.2	402	403	403	114	112	113
00:12:35	79	1.00	50.2	402	403	403	113	112	113
00:13:00	80	1.00	50.1	402	403	403	116	114	116
00:13:25	80	1.00	50.2	402	403	403	116	114	116
00:13:50	80	1.00	50.2	402	403	403	116	114	115
00:14:15	80	1.00	50.2	402	403	403	116	114	115
00:14:40	80	1.00	50.1	402	403	403	115	114	115
00:15:05	80	1.00	50.2	402	402	403	116	114	115
00:15:30	80	1.00	50.2	402	402	403	115	114	116
00:15:55	80	1.00	50.1	402	403	403	115	114	115
00:16:20	80	1.00	50.1	402	403	403	116	114	115
00:16:45	80	1.00	50.1	402	402	403	115	114	115

Load Rejected at 00:16:53