

TECHNOLOGY PERFORMANCE

Performance results at accredited laboratory

UL Whitefield Labs New Zealand

Without THE WHITE BOX					With THE WHITE BOX					Improvement with THE WHITE BOX			
Voltage	Current	Reactive Power	Power Factor	Total Power	Voltage	Current	Reactive Power	Power Factor	Total Power	Reactive Power % Reduction	Current-Amps % Savings	Power Factor % Improvement	Total Power % Reduction
Volts	Amperes	KVAr	PF	KVA	Volts	Amperes	KVAr	PF	KVA	KVAr	Amperes	PF	KVA
276.96	64.83	13.80	0.62	17.70	282.70	44.82	1.52	0.99	12.20	88.99	30.87	37.37	31.07
275.72	68.75	13.80	0.67	18.80	279.03	51.64	3.34	0.97	14.20	75.80	24.89	30.93	23.47
277.58	73.02	16.60	0.62	20.00	281.56	49.80	0.44	0.99	13.30	97.38	31.80	37.37	33.50
Unbalanced Load @277 volts													
272.77	94.35	21.10	0.57	25.70	279.47	69.47	0.96	0.99	16.00	95.45	26.37	42.42	37.74
277.73	53.09	13.70	0.34	14.80	281.41	24.90	1.03	0.99	6.31	92.48	53.10	65.66	57.36
276.71	70.19	8.58	0.89	19.30	275.80	66.25	4.51	0.96	18.10	47.44	5.64	7.29	6.22
Unbalanced Load @240 volts													
242.06	92.96	16.90	0.70	22.30	246.38	69.68	3.42	0.97	16.80	79.76	25.04	27.84	24.66
242.87	54.27	10.20	0.61	12.90	246.63	37.47	2.06	0.97	8.81	79.80	30.96	37.11	31.71
243.68	73.31	9.05	0.85	17.60	243.16	64.93	0.33	0.98	15.50	96.35	11.43	13.27	11.93