



Commissioning Report

Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 2394

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1-String 1		551				9.32 ac	ac	271	26.44	30.23
1-String 2		555				6.47 ac	ac	272.3	26.78	30.67
1-String 3		349				6.6 ac	ac	275.6	26.63	30.67
1-String 4		552				7 ac	ac	281.5	27.31	30.91
1-String 5		541				7.54 ac	ac	284.1	27.65	30.91
1-String 6		541				6.46 ac	ac	284.1	27.6	31.45
1-String 7		541				6.62 ac	ac	286	27.02	31.01
1-String 8		495				6.96 ac	ac	286.7	27.12	31.64
1-String 1	0.29	621	0.01	5.3	1000			300.5	27.85	32.37
1-String 2	0.29	625	0.01	5.5	1000			305.7	27.85	32.22
1-String 3	0.29	628	0.01	5.6	1000			310.2	28.28	33.1
1-String 4	0.29	630	0.01	5.8	1000			314.2	28.28	33.29
1-String 5	0.29	631	0.01	5.7	1000			318.2	28.33	32.76
1-String 6	0.29	633	0.01	6.1	1000			319.5	28.53	33.15
1-String 7	0.29	627	0.01	5.8	1000			323.4	28.33	33.63
1-String 8	0.29	625	0.01	5.8	1000			324.1	29.01	33.24
2-String 1		525				19.03 ac	ac	446.2	36.74	46.13
2-String 2		529				17.46 ac	ac	437.2	36.84	45.88
2-String 3		278				18.24 ac	ac	433.9	36.79	45.4
2-String 4		524				18.17 ac	ac	430.1	36.4	45.74
2-String 5		372				18.11 ac	ac	427.5	36.35	45.3
2-String 6		213				17.8 ac	ac	427.4	36.84	45.4
2-String 7		527				18.35 ac	ac	421.6	36.3	45.74
2-String 8		518				17.85 ac	ac	419	36.64	45.49
2-String 1	0.34	600	0.01	12.4	1000			413.2	36.35	44.62
2-String 2	0.34	599	0.01	15.2	1000			417.2	36.25	44.62
2-String 3	0.34	601	0.01	14.3	1000			422.4	36.64	44.38
2-String 4	0.34	602	0.01	13.4	1000			427.6	35.86	45.15
2-String 5	0.34	605	0.01	13.4	1000			432.3	36.06	44.62

2-String 6	0.34	602	0.01	13.8	1000			437.5	36.11	45.3
2-String 7	0.34	603	0.01	15.5	1000			448	36.35	45.69
2-String 8	0.34	601	0.01	15.3	1000			457.3	35.72	45.59
3-String 1		520				11.47 ac		924.9	35.14	50.65
3-String 2		506				11.44 ac		916.3	35.57	52.25
3-String 3		512				11.37 ac		905.3	36.35	54.44
3-String 4		492				10.18 ac		892.3	37.9	60.81
3-String 5		515				10.36 ac		896.7	38.68	61.34
3-String 6		521				10.72 ac		894.2	38.73	61.39
3-String 1	0.42	589	0.01	17	1000			908.5	39.8	64.11
3-String 2	0.42	596	0.01	13	1000			911.7	39.36	63.77
3-String 3	0.42	587	0.01	16.4	1000			909.8	39.12	63.09
3-String 4	0.42	589	0.01	18.3	1000			913.6	39.02	63.58
3-String 5	0.42	589	0.01	12.4	1000			920.7	39.36	63.33
3-String 6	0.42	585	0.01	14.2	1000			912.2	40.09	64.35



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Building 2394

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		512				5.53 ac		668.3	35.33	47.39
1		508				5.97 ac		671.6	35.47	47
1		507				5.8 ac		666.9	35.47	46.61
1		544				5.5 ac		672.8	36.01	47.05
1		505				5.59 ac		672.5	36.45	46.86
1		500				5.63 ac		675	36.64	46.86
1		500				5.84 ac		671.6	36.84	46.95
1		506				5.6 ac		676.8	37.32	47.1
String 1	0.13	647	0.01	35	1000			381.2	17.98	20.07
String 2	0.13	649	0.01	31	1000			382.4	17.83	20.7
String 3	0.13	646	0.01	66	1000			382.5	17.88	21.04
String 4	0.13	652	0.01	36	1000			398.7	19.49	22.45
String 5	0.13	651	0.01	20	1000			401.4	19.78	22.55
String 6	0.13	654	0.01	58	1000			400.6	19.92	22.6
String 7	0.13	643	0.01	20	1000			402.6	20.31	23.04
String 8	0.13	657	0.01	35	1000			436.5	22.06	22.94
2		512				2.96 ac		688.9	38.44	49.33
2		506				4.71 ac		698.6	38.59	49.63
2		496				3.29 ac		690.1	37.95	49.33
2		499				5.32 ac		692.9	38.34	49.72
2		499				4.74 ac		693.4	38.83	50.16
2		501				4.86 ac		692	37.76	49.58
2		509				4.51 ac		692.9	38.2	50.4
2		502				4.77 ac		692.6	38.05	49.77
String 1	0.13	646	0.01	35	1000			436.5	22.06	25.08
String 2	0.13	645	0.01	32	1000			437.9	22.79	25.22
String 3	0.13	643	0.01	13.8	1000			438.5	22.94	25.22
String 4	0.13	616	0.01	46	1000			438.5	22.35	24.45
String 5	0.13	621	0.01	70	1000			437.3	22.55	24.45

String 6	0.13	634	0.01	22	1000			437.3	22.4	24.88
String 7	0.13	630	0.01	18	1000			438	22.11	24.64
String 8	0.13	633	0.01	19	1000			449.2	22.16	23.91
3		545				4.33	ac	701.7	39.46	49.68
3		548				4.36	ac	699	40.19	50.45
3		545				4.36	ac	696.3	39.75	49.68
3		546				4.29	ac	700.7	40.14	50.31
String 1	0.13	630	0.01	18	1000			449.2	22.16	23.91
String 2	0.13	633	0.01	19	1000			449.2	21.97	24.54
String 3	0.13	628	0.01	15	1000			449.7	22.35	24.45
String 4	0.13	623	0.01	15.2	1000			455.2	22.79	24.49



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Building 2397										
Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		457				3.33	ac	636.6	35.96	38.98
1		468				3.36	ac	637.9	36.16	39.76
1		473				3.34	ac	639.7	36.3	39.86
1		501				3.31	ac	637.5	36.64	40
1		486				3.22	ac	635.6	36.84	39.42
1		509				3.31	ac	635.4	36.74	39.32
1		513				3.26	ac	632.7	36.84	40.05
1		501				3.2	ac	633.5	36.84	40.2
String 1	0.15	594	0.01	27	1000			633.6	36.21	40.49
String 2	0.15	609	0.01	28	1000			630.4	35.52	39.71
String 3	0.15	597	0.01	25	1000			631.7	35.77	40.14
String 4	0.15	610	0.01	20	1000			629.5	35.43	39.76
String 5	0.15	617	0.01	22	1000			630.9	36.06	40.44
String 6	0.15	605	0.01	23	1000			628.2	35.86	39.61
String 7	0.15	606	0.01	22	1000			629	36.25	39.61
String 8	0.15	601	0.01	23	1000			628.3	36.16	40.14
2		439				4.4	dc	603	34.75	37.76
2		439				4.82	dc	600.4	34.75	37.52
2		412				6.14	dc	603.8	34.65	37.76
2		417				4.55	dc	601.9	34.8	38.2
String 1	0.15	509	0.01	35	1000			595.9	35.72	37.38
String 2	0.15	507	0.01	33	1000			595.8	36.3	37.52
String 3	0.15	506	0.01	31	1000			595.8	36.3	37.08
String 4	0.15	510	0.01	31	1000			591.7	35.82	38.06
3		532				4.15	dc	597.6	34.36	35.63
3		520				4.25	dc	596.3	33.77	36.01
3		525				5.68	dc	597.1	33.68	35.48
3		531				4.59	dc	594.4	33.82	36.16
3		492				5.67	dc	600.2	33.68	35.87

3		525							4.12	dc	587.6	34.11	36.01
3		530							5.46	dc	585	33.87	35.97
3		519							4.13	dc	585.1	33.48	35.63
String 1	0.15	620	0.01	36	1000						588.9	33.29	35.72
String 2	0.15	611	0.01	25	1000						584.3	33.82	35.87
String 3	0.15	613	0.01	39	1000						583.6	33.14	35.67
String 4	0.15	615	0.01	31	1000						585.1	34.11	35.29
String 5	0.15	606	0.01	27	1000						583.8	33.43	35.19
String 6	0.15	615	0.01	28	1000						582.9	33.77	35.67
String 7	0.15	612	0.01	28	1000						579.8	33.43	34.9
String 8	0.15	614	0.01	28	1000						578.4	33.97	35.72



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Building 2399										
Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Idlamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		556				4.39	ac	661.8	19.73	30.86
1		542				4.18	ac	661.1	20.46	31.45
1		529				4.19	ac	663	20.07	31.3
1		544				4.16	ac	663.6	20.26	32.08
1		549				4.22	ac	668.1	20.89	31.98
1		519				4.73	ac	683.1	23.62	35.63
1		532				4.7	ac	684.5	23.91	36.11
1		542				4.72	ac	683.7	24.1	35.97
String 1	0.5	628	0.01	35	1000			685.6	24.3	36.06
String 2	0.5	621	0.01	33	1000			686.5	24.15	36.11
String 3	0.5	634	0.01	32	1000			689.8	24.2	36.36
String 4	0.5	623	0.01	32	1000			689.7	23.62	36.7
String 5	0.5	627	0.01	37	1000			690.4	24.2	36.89
String 6	0.5	637	0.01	31	1000			688.9	24.25	36.45
String 7	0.5	631	0.01	32	1000			692.3	24.06	36.5
String 8	0.5	617	0.01	35	1000			689.6	24.39	36.89
2		457				9.02	ac	688.7	25.42	38.79
2		451				8.84	ac	690.5	25.17	38.3
2		446				8.97	ac	696.4	25.9	38.2
2		440				8.75	ac	700.3	26.58	38.69
String 1	0.5	521	0.01	37	1000			710.6	25.71	39.17
String 2	0.5	521	0.01	36	1000			710.5	26	38.74
String 3	0.5	525	0.01	4.2	1000			713.9	25.9	38.59
String 4	0.5	521	0.01	35	1000			721.7	26.68	39.03
3		545				5.24	ac	694.9	29.89	40.39
3		528				5.28	ac	696	29.98	39.9
3		517				5.25	ac	694.7	29.59	40.2
3		513				5.24	ac	696.7	30.18	41.07
3		509				5.13	ac	696.1	29.5	41.31

3		491						5.32	ac		709.6	30.18	40.78
String 1	0.5	630	0.01	32		1000					709.2	30.66	41.8
String 2	0.5	623	0.01	13.4		1000					710.5	30.47	41.95
String 3	0.5	635	0.01	34		1000					709	30.62	41.95
String 4	0.5	618	0.01	32		1000					710.3	31.25	41.41
String 5	0.5	623	0.01	26		1000					711.7	31.34	42.14
String 6	0.5	643	0.01	3.8		1000					709.7	31.68	42.29



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Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 3242

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		505				4.85	ac	332	22.98	28.24
1		516				4.29	ac	331.9	22.84	28.58
1		488				4.47	ac	332.5	23.18	29.6
1		505				3.93	ac	327.9	23.67	30.08
1		510				4.01	ac	332.5	23.08	29.99
1		525				4.03	ac	329.2	23.32	30.08
1		533				4.23	ac	331.8	23.28	30.28
1		515				4.32	ac	341	24.39	30.67
String 1	0.18	622	0.01	48	1000			330.3	23.86	31.83
String 2	0.18	528	0.01	40	1000			330.4	23.42	31.3
String 3	0.18	578	0.01	40	1000			331.6	23.32	31.3
String 4	0.18	632	0.01	40	1000			332.3	23.62	31.93
String 5	0.18	628	0.01	42	1000			333.6	24.15	31.35
String 6	0.18	632	0.01	38	1000			334.2	24.1	31.59
String 7	0.18	631	0.01	39	1000			335.6	23.47	32.03
String 8	0.18	575	0.01	41	1000			337.6	22.89	31.69
2		543				7.46	ac	214.7	18.76	22.16
2		546				7.04	ac	212	18.17	21.82
2		548				7.28	ac	213.4	18.17	22.5
2		565				7.35	ac	213.4	18.32	21.58
2		570				7.33	ac	222.7	18.61	22.21
2		571				9.59	ac	232.6	18.17	21.92
String 1	0.15	616	0.01	40	1000			119.2	17.15	19.54
String 2	0.15	622	0.01	39	1000			119.3	16.72	19.63
String 3	0.15	625	0.01	38	1000			121.2	16.86	19
String 4	0.15	625	0.01	38	1000			120.6	16.62	19.49
String 5	0.15	622	0.01	39	1000			119.3	16.42	19.15
String 6	0.15	616	0.01	39	1000			117.9	16.47	18.76
3		500				4.29	ac	300.2	20.22	25.37

3			509						4.5	ac	280.9	19.78	25.42
3			504						4.64	ac	275.5	19.88	25.66
3			484						4.39	ac	270.3	19.97	24.83
String 1		0.15	573	0.01	40	1000					188	20.56	24.74
String 2		0.15	622	0.01	40	1000					184.1	20.02	24.79
String 3		0.15	574	0.01	41	1000					198.7	20.12	24.88
String 4		0.15	575	0.01	41	1000					199.3	19.49	23.96



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Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 3243

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Idclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		555				9.42	ac	975.8	32.8	51.08
1		550				9.43	ac	862.3	32.27	51.82
1		510				8.83	ac	946.5	32.22	51.52
1		505				8.91	ac	830	32.03	51.82
1		510				8.83	ac	946.5	32.22	51.52
String 1	0.13	615	0.01	31	1000			812.1	28.62	47.34
String 2	0.13	618	0.01	31	1000			818.9	29.01	47.24
String 3	0.13	625	0.01	32	1000			827.5	29.01	48.07
String 4	0.13	621	0.01	32	1000			828.7	28.72	47.78
String 5	0.13	616	0.01	31	1000			831.2	30.47	47.97
2		504				10	ac	911	29.93	49.58
2		503				9.44	ac	867.2	29.25	48.8
2		510				9.25	ac	896.6	29.4	48.75
2		509				9.31	ac	915	29.74	48.31
2		510				9.03	ac	897.3	29.64	48.46
String 1	0.13	607	0.01	25	1000			930.3	29.93	49.24
String 2	0.13	613	0.01	27	1000			981.8	30.42	48.94
String 3	0.13	614	0.01	28	1000			984	30.28	49.33
String 4	0.13	611	0.01	27	1000			1009	30.76	49.14
String 5	0.13	610	0.01	28	1000			844.5	30.62	49.48
3		551				5.25	ac	996	30.62	49.29
3		555				5.06	ac	1030	30.08	49.33
3		535				4.97	ac	1029	30.57	49.14
3		540				5.07	ac	1011	30.42	49.33
3		552				4.83	ac	948.5	30.62	48.99
String 1	0.17	692	0.01	3.2	1000			1031	30.57	49.77
String 2	0.17	654	0.01	16.4	1000			1040	30.13	50.16
String 3	0.17	654	0.01	15.7	1000			870.7	30.66	50.5
String 4	0.17	655	0.01	15.3	1000			872.8	30.42	50.16

String 5	0.17	660	0.01	13.7	1000			952.1	30.62	50.16
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Commissioning Report

Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 3420

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		470				9.38	ac	430.5	22.5	34.26
1		480				10.18	ac	402	21.87	33.78
1		471				9.49	ac	414.6	22.35	33.78
1		457				9.48	ac	431	22.16	34.41
1		423				8.81	ac	505.8	22.06	34.12
1		436				9.23	ac	529.9	22.84	34.99
1	0.27	584	0.01	37	1000			546.8	24.15	36.01
1	0.27	523	0.01	39	1000			536.2	23.91	36.79
String 1	0.27	522	0.01	40	1000			550.5	24.39	36.55
String 2	0.27	517	0.01	39	1000			538.7	23.81	36.89
String 3	0.27	527	0.01	38	1000			538.7	23.91	36.84
String 4	0.27	524	0.01	39	1000			526.1	24.1	37.08
String 5		362				5.71	ac	543	25.32	40.73
String 6		356				5.63	ac	545.7	24.98	40.44
String 7		389				5.74	ac	549.5	25.71	40.97
String 8		406				5.67	ac	561.4	25.61	41.22
2		439				5.78	ac	565.4	25.85	41.7
2		445				5.65	ac	564.1	25.27	41.56
2		446				5.66	ac	564.1	25.95	41.36
2		462				5.59	ac	566.1	26.39	41.7
2	0.18	518	0.01	39	1000			588.1	27.31	41.75
2	0.18	572	0.01	36	1000			583.6	26.78	41.56
String 1	0.18	581	0.01	33	1000			579	27.12	41.9
String 2	0.18	583	0.01	32	1000			581.6	26.63	41.56
String 3	0.18	582	0.01	33	1000			579.6	27.12	42.14
String 4	0.18	582	0.01	32	1000			581.6	26.58	42.09
String 5	0.18	588	0.01	31	1000			584.1	26.39	41.46
String 6	0.18	584	0.01	32	1000			587.5	27.02	41.61



Commissioning Report

Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 5372

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		511				5.23	dc	824.2	33.58	44.08
1		517				3.85	dc	824.7	34.46	45.01
1		523				5.16	dc	823.1	34.07	45.54
1		511				3.92	dc	827.8	34.26	45.98
1		524				4.97	dc	827.6	34.94	46.66
1		508				3.85	dc	825	34.75	46.51
1		500				5.23	dc	826.3	33.97	46.51
1		511				3.69	dc	826.8	33.53	46.08
String 1	0.1	618	0.01	31	1000			824.1	33.43	47.24
String 2	0.1	621	0.01	28	1000			820.7	34.55	47.49
String 3	0.1	617	0.01	30	1000			829.1	34.84	47.58
String 4	0.1	636	0.01	35	1000			827	34.26	47.83
String 5	0.1	619	0.01	32	1000			827.9	34.7	48.17
String 6	0.1	621	0.01	29	1000			828.4	34.94	48.56
String 7	0.1	616	0.01	40	1000			830.8	34.6	49.14
String 8	0.1	620	0.01	38	1000			827.5	35.18	48.9
2		515				11.43	ac	598.4	34.11	40.14
2		507				11.64	ac	591.1	34.5	40.29
2		488				11.75	ac	571	34.6	40.29
2		520				11.7	ac	598.2	35.18	39.95
2	0.5	478				11.82	ac	625.6	34.94	40.54
2	0.5	473				11.99	ac	505.7	34.65	40.58
String 1	0.5	612	0.01	31	1000			549.8	34.41	40.34
String 2	0.5	620	0.01	33	1000			550.5	34.65	40.49
String 3		621	0.01	32	1000			547.8	33.58	40.39
String 4		617	0.01	31	1000			531.9	34.16	39.9
String 5		618	0.01	32	1000			524.1	33.87	39.76
String 6		621	0.01	33	1000			477.1	33.39	39.51
3		486				5.44	ac	510.5	30.62	36.7

3		480					6.18 ac	551.4	30.28	35.92
3	0.5	478					6.14 ac	544.9	30.47	35.82
3	0.5	475					5.34 ac	562.7	30.62	36.21
String 1	0.5	572	0.01	42	1000			473.5	30.52	35.72
String 2	0.5	574	0.01	39	1000			453.2	29.84	36.06
String 3	0.5	573	0.01	40	1000			501.4	30.62	35.97
String 4	0.5	576	0.01	40	1000			531.7	29.89	35.82



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Third Mutual Lagauna Woods Village 23451 El Toro Rd. Laguna Woods, Ca. 92367

Building 5510

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Iclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		515				5.19	dc	776.3	32.61	47.15
1		509				4.06	dc	777.1	33.24	47.58
1		525				5.43	dc	778.2	32.9	47.19
1		525				4.14	dc	774.1	33.48	47.49
1		509				5.56	dc	774.9	33	46.61
1		503				4.24	dc	772.9	33.09	46.22
1		510				5.09	dc	774.8	32.8	45.83
1		530				3.76	dc	774.7	32.66	45.79
String 1	0.13	636	0.01	3.5	1000			774.2	32.03	45.15
String 2	0.12	622	0.01	32	1000			774.3	31.44	45.35
String 3	0.12	620	0.01	32	1000			772.1	31.88	44.76
String 4	0.12	623	0.01	33	1000			772.1	31.59	45.2
String 5	0.12	628	0.01	36	1000			770.1	31.2	44.52
String 6	0.12	626	0.01	34	1000			768.4	30.86	44.76
String 7	0.12	628	0.01	34	1000			767.8	31.44	44.33
String 8	0.12	626	0.01	36	1000			768.3	31.44	44.52
2		573				6.38	ac	398.8	22.94	31.11
2		580				6.41	ac	402.1	22.94	31.15
2		445				6.32	ac	406	22.79	30.86
2		449				7.36	ac	416.7	23.23	31.25
String 1	0.2	621	0.01	47	1000			423.2	23.37	31.25
String 2	0.2	628	0.01	41	1000			429.9	23.18	31.64
String 3	0.2	635	0.01	40	1000			423.9	23.42	31.59
String 4	0.2	627	0.01	41	1000			412.6	23.32	31.49



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Building 2353

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Idlamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		511				7.65	dc	660.9	34.02	42.29
1		506				7.7	dc	663	36.06	43.94
1		492				7.71	dc	665.8	36.45	44.47
1		494				7.79	dc	673	36.35	45.44
1		503				7.8	dc	672.3	35.67	46.86
1		511				7.79	dc	672.2	36.11	46.61
1		500				7.85	dc	661.2	36.59	47.1
1		497				7.9	dc	679	36.74	47.73
String 1	0.23	607	0.01	35	1000			676.3	39.85	49.53
String 2	0.23	610	0.01	35	1000			679.5	39.65	50.16
String 3	0.23	605	0.01	36	1000			677.4	40.48	49.82
String 4	0.23	603	0.01	33	1000			679.2	40.43	50.21
String 5	0.23	604	0.01	33	1000			677.2	41.02	50.5
String 6	0.23	605	0.01	34	1000			679.1	40.39	50.4
String 7	0.23	605	0.01	32	1000			678.5	40.29	51.08
String 8	0.23	606	0.01	30	1000			676.3	40.43	50.5
2		548				4.98	ac	290.7	25.95	35.77
2		559				4.9	ac	279.4	25.75	35.29
2		535				5.17	ac	280.1	26.19	35.43
2		520				4.97	ac	404.5	25.85	35.87
2		519				4.85	ac	262.8	25.32	35.72
2		551				4.99	ac	416.3	25.27	35.77
2		534				5.05	ac	252.9	25.51	35.33
2		518				4.91	ac	370.6	25.8	35.48
String 1	0.23	623	0.01	46	1000			385.6	28.77	41.36
String 2	0.23	615	0.01	48	1000			463.4	27.99	41.26
String 3	0.23	621	0.01	49	1000			416.5	27.5	41.31
String 4	0.23	614	0.01	49	1000			500.2	27.85	41.26
String 5	0.23	614	0.01	46	1000			463.3	27.7	40.78

String 6		0.23	617	0.01	45	1000			515.5	28.28	40.97
String 7		0.23	619	0.01	44	1000			535.2	28.09	40.78
String 8		0.23	613	0.01	45	1000			454.6	28.18	41.61
3			526				10.99	ac	437.3	28.72	41.31
3			532				11.17	ac	570.6	29.21	41.17
3			515				11	ac	565	28.87	41.46
3			520				10.64	ac	572.9	29.11	41.56
String 1		0.23	623	0.01	41	1000			446.4	29.79	41.41
String 2		0.23	613	0.01	47	1000			433.2	29.84	41.65
String 3		0.23	622	0.01	39	1000			420.2	29.5	41.7
String 4		0.23	623	0.01	38	1000			419.4	29.93	42.04



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Building 2381

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Idclamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		511				9.85	ac	636.2	31.64	40.14
1		518				9.67	ac	637.5	31.78	40.05
1		529				9.63	ac	639.3	32.17	40.63
1		528				9.32	ac	641.2	32.51	40.83
1		545				9.48	ac	634.5	33.72	41.51
1		556				9.48	ac	631	33.19	41.36
1		545				9.52	ac	638.2	33.97	41.7
1		543				9.51	ac	644.7	33.97	42.33
String 1	2.5	613	0.01	7.4	1000			655	34.36	42.97
String 2	2.5	609	0.01	7.7	1000			658.9	35.14	43.11
String 3	2.5	615	0.01	7.2	1000			662.1	34.75	43.5
String 4	2.5	604	0.01	7.6	1000			666.5	35.28	44.52
String 5	2.5	617	0.01	8	1000			640.2	36.45	44.38
String 6	2.5	605	0.01	7.9	1000			588.8	35.77	44.18
String 7	2.5	552	0.01	7.5	1000			316.9	35.62	44.76
String 8	2.5	588	0.01	7.5	1000			270.3	35.23	44.33
2		564				9.3	ac	785.5	36.3	45.88
2		558				9.15	ac	785.1	36.5	46.22
2		556				9.57	ac	555.9	36.45	47.1
2		530				8.59	ac	240	33.97	47.92
2		540				9.67	ac	226.8	34.11	47.49
2		530				9.02	ac	222.9	34.36	47.19
2		511				9.59	ac	220.3	34.46	47.54
2		441				9.1	ac	217.7	34.5	46.51
String 1	0.58	551	0.01	9.3	1000			220.5	32.46	44.08
String 2	0.58	543	0.01	10.9	1000			221.8	32.51	43.69
String 3	0.58	552	0.01	10.8	1000			224.4	32.61	44.18
String 4	0.58	545	0.01	10.6	1000			223.8	32.27	43.79
String 5	0.58	556	0.01	11.5	1000			226.4	32.85	43.55

String 6	0.58	552	0.01	7.9	1000			253.6	34.11	38.3
String 7	0.58	552	0.01	7.9	1000			255.5	34.14	38.3
String 8	0.58	552	0.01	8.8	1000			256.3	33.58	38.4
3		487				9.35	ac	268.2	33.58	37.08
3		407				8.84	ac	319.7	33.77	36.16
3		440				9.73	ac	288	34.46	36.16
3		456				9.94	ac	332.9	33.97	36.79
3		466				9.84	ac	372.5	33.97	36.01
3		479				9.81	ac	365.8	33.68	36.11
String 1	0.42	555	0.01	8.9	1000			305.1	33.63	36.11
String 2	0.42	514	0.01	10	1000			315.8	33.29	36.7
String 3	0.42	566	0.01	9.7	1000			589.4	33.43	36.5
String 4	0.42	565	0.01	10.8	1000			362.4	33.82	36.89
String 5	0.42	569	0.01	10.8	1000			440.9	34.41	36.89
String 6	0.42	569	0.01	11.3	1000			450.1	34.46	36.6



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Building 2400

Inverter	Rpe (Ohm)	Voc (VDC)	Isc (ADC)	Riso (MOhm)	Viso (V)	Idlamp (Amp)	ac/dc	Irr (W/m2)	Ta (C)	Tp (C)
1		509				12.01	ac	760.9	34.55	46.66
1		511				11.83	ac	765.4	34.5	46.86
1		509				11.81	ac	759.4	34.99	47.24
1		508				12.13	ac	757.5	35.14	46.9
1		491				11.87	ac	752.8	35.47	47.24
1		485				11.72	ac	758.5	35.43	46.47
1		507				11.99	ac	760.2	35.62	46.86
1		498				12.22	ac	755	35.43	46.61
String 1	0.13	617	0.01	30	1000			748.1	36.35	47.63
String 2	0.13	608	0.01	36	1000			756.1	35.52	47.68
String 3	0.13	612	0.01	35	1000			764	35.62	47.68
String 4	0.13	613	0.01	26	1000			758	36.01	47.39
String 5	0.13	613	0.01	19	1000			763.7	36.21	48.02
String 6	0.13	613	0.01	19	1000			772.2	36.06	47.44
String 7	0.13	613	0.01	20	1000			763.5	36.54	47.78
String 8	0.13	613	0.01	22	1000			763.5	36.69	47.83
2		474				3.44	ac	757.1	36.84	48.07
2		469				4.04	ac	757.2	36.16	48.8
2		463				3.9	ac	752.5	36.45	49.19
2		452				3.92	ac	742.7	36.59	49.14
2		452				4.07	ac	754.6	36.84	48.46
2		470				4.13	ac	763.7	36.5	49.14
2		464				4.04	ac	755.7	36.84	49.33
2		465				4.23	ac	755.3	36.84	49.19
String 1	0.21	558	0.01	24	1000			764.3	36.69	49.29
String 2	0.21	560	0.01	38	1000			773	36.54	49.24
String 3	0.21	562	0.01	33	1000			767.6	36.06	49.43
String 4	0.21	560	0.01	24	1000			770.3	35.47	49.92
String 5	0.21	565	0.01	28	1000			774.9	35.91	49.33

String 6		0.21	560	0.01	33	1000			769.8	35.91	49.33
String 7		0.21	556	0.01	35	1000			788.6	36.45	50.45
String 8		0.21	562	0.01	38	1000			789.3	36.64	50.21
3			409				5.71	ac	847.4	38.39	52.98
3			409				5.92	ac	845.5	38.34	52.98
3			408				4.36	ac	848.6	39.36	53.27
3			428				5.85	ac	841.2	38.73	52.74
3			420				5.95	ac	842.3	39.12	53.03
3			421				5.62	ac	847.6	39.27	53.03
String 1		0.21	500	0.01	33	1000			839.9	39.36	52.54
String 2		0.21	509	0.01	24	1000			839.2	39.56	52.69
String 3		0.21	505	0.01	26	1000			831.7	38.97	53.08
String 4		0.21	508	0.01	36	1000			809.8	39.61	53.13
String 5		0.21	450	0.01	32	1000			817.8	40	53.32
String 6		0.21	511	0.01	31	1000			813.8	39.95	53.66