

# Grid System Summary



## FearTheSkunk

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### Site Summary

<b>Site Name</b>			
<b>Location</b>	BRISBANE, AUSTRALIA		
<b>Latitude</b>	27.47 S	<b>Longitude</b>	153.03 E
		<b>Elevation</b>	0 m
<b>Comments</b>	U Lowell : AUS4A, type P		

### System Performance

<b>Tilt</b>	40 N	<b>Azimuth</b>	0 E	<b>Tracking</b>	Fixed
<b>First Year Output</b>	92,844 kWh/yr				
<b>Design Life</b>	25	<b>Degradation</b>	0.80 %/year		
<b>Lifetime Output</b>	2,089 MWhr				

### System Summary

<b>PV (Module / Array)</b>	
<b>Model</b>	AllMax Plus 330
<b>Rating</b>	330W/ 60.1kWp
<b>Modules</b>	182
<b>Config</b>	13 S x 14 P
<b>Vmpp</b>	34.00 / 442.0
<b>Imp</b>	9.70 / 135.8
<b>Voc</b>	41.80 / 543.4
<b>Isc</b>	10.14 / 142.0

<b>Inverter</b>	
<b>Model</b>	
<b>Rating</b>	50 kVA
<b>AC Voltage</b>	240.0 VAC
<b>Max Voc</b>	600 VDC
<b>Efficiency</b>	1.0 %
<b>Quantity</b>	1
<b>Total Rating</b>	50.0 kVA
<b>DC/AC Ratio</b>	1

### Energy Output Analysis

Month	Array Inso kWh/m2/d	Avg Temp deg C	Mod Output WhDC/day	Sys Losses %	Array Out kWhDC/month	Inverter Out kWhAC/month
Jan	5.24	23.9	1662.0	10	8439.08	8186
Feb	5.27	23.6	1672.6	10	7671.37	7441
Mar	5.17	22.4	1642.5	10	8340.44	8090
Apr	4.91	21.1	1567.5	10	7702.53	7471
May	4.65	18.8	1493.4	10	7582.95	7355
Jun	4.30	16.0	1394.4	10	6852.17	6647
Jul	4.55	15.2	1477.2	10	7500.72	7276
Aug	4.86	15.6	1570.9	10	7976.50	7737
Sep	5.18	17.8	1666.3	10	8187.99	7942
Oct	5.37	20.0	1715.7	10	8711.99	8451
Nov	5.31	21.5	1693.1	10	8319.65	8070
Dec	5.22	23.1	1660.2	10	8430.35	8177

