Manufacturer: PV Powered LLC

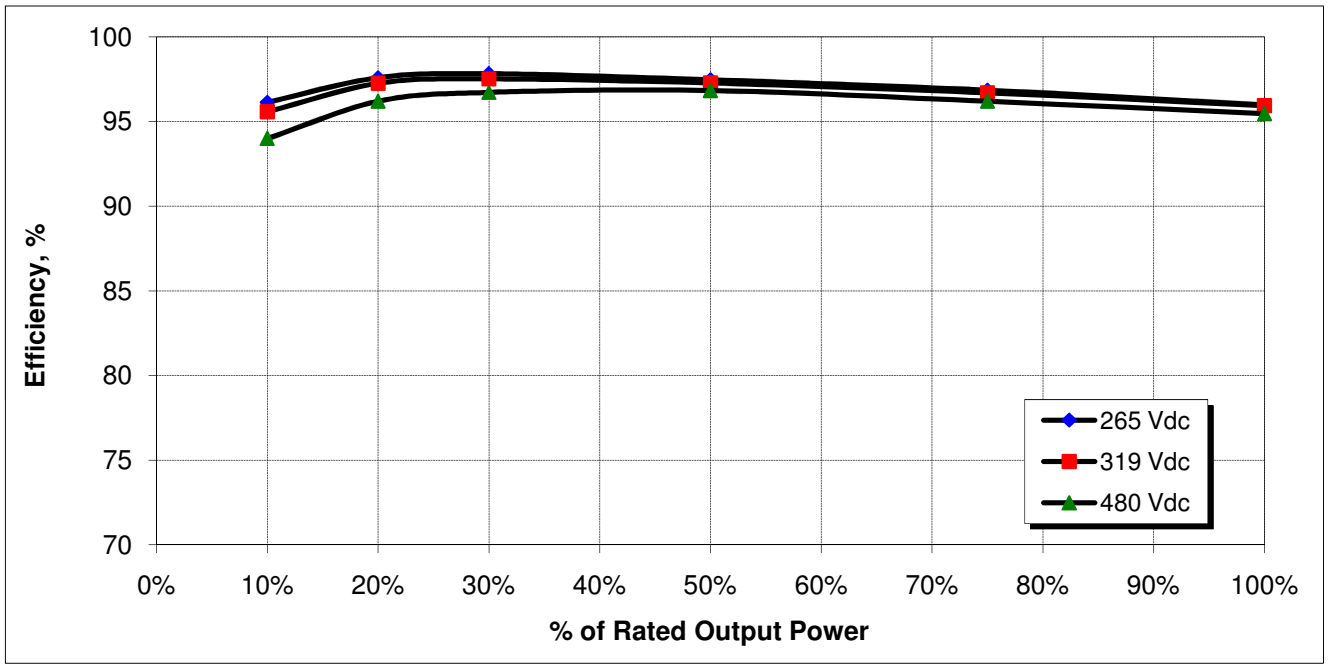
Model #: PV 260kW

Rated Maximum Continuous Output Power: 260.00 kW Night Tare Loss: 67.00 W

Vmin: 265 Vdc Vnom: 319 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		26.00	52.00	78.00	130.00	195.00	260.00	Wtd
Vmin	265	96.1	97.6	97.8	97.5	96.9	96.0	97.1
Vnom	319	95.6	97.3	97.5	97.3	96.7	95.9	96.9
Vmax	480	94.0	96.2	96.7	96.8	96.2	95.5	96.3

CEC Efficiency = 96.5%



Inverter Efficiency Data

Minimum of 5 samples required

Specified		Sample #1			Sample #2			Sample #3			Sample #4			Sample #5		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	23973.0	267.0	96.14	23983.0	267.0	96.14	24029.0	267.0	96.13	24141.0	267.0	96.18	24128.0	267.0	96.13
20%	Vmin	49432.0	270.2	97.59	49420.0	270.2	97.60	49424.0	270.2	97.59	49426.0	270.2	97.60	49444.0	270.2	97.59
30%	Vmin	72966.0	269.6	97.81	73146.0	269.6	97.83	73308.0	269.6	97.85	73250.0	269.6	97.82	73232.0	269.6	97.82
50%	Vmin	121000.0	265.0	97.47	121000.0	265.0	97.49	120980.0	265.0	97.47	120920.0	265.0	97.47	121010.0	265.0	97.47
75%	Vmin	184040.0	265.6	96.85	184050.0	265.6	96.85	184030.0	265.6	96.85	183900.0	265.7	96.85	183720.0	265.7	96.85
100%	Vmin	251600.0	265.6	96.01	251400.0	265.6	96.01	251360.0	265.6	95.99	250960.0	265.6	95.98	250760.0	265.6	95.98
10%	Vnom	23985.0	322.7	95.54	23986.0	322.7	95.61	23971.0	322.7	95.60	23929.0	322.7	95.58	23963.0	322.7	95.58
20%	Vnom	49526.0	322.1	97.24	49539.0	322.1	97.29	49533.0	322.1	97.26	49531.0	322.1	97.24	49557.0	322.1	97.26
30%	Vnom	73275.0	322.7	97.51	73255.0	322.7	97.49	73334.0	322.6	97.52	73278.0	322.6	97.52	73311.0	322.6	97.51
50%	Vnom	120680.0	324.6	97.28	120800.0	324.6	97.28	120790.0	324.6	97.29	120610.0	324.6	97.28	120700.0	324.6	97.27
75%	Vnom	183140.0	320.9	96.70	183120.0	320.9	96.70	183090.0	320.9	96.69	183000.0	320.9	96.69	182920.0	320.9	96.69
100%	Vnom	250580.0	320.4	95.96	250600.0	320.4	95.96	250320.0	320.4	95.94	250530.0	320.3	95.95	250440.0	320.4	95.94
10%	Vmax	24009.0	483.6	93.97	24002.0	483.6	94.03	24016.0	483.6	93.92	24009.0	483.6	94.01	24013.0	483.6	93.98
20%	Vmax	49338.0	482.2	96.19	49326.0	482.2	96.21	49292.0	482.2	96.18	49283.0	482.2	96.17	49336.0	482.2	96.23
30%	Vmax	72691.0	481.4	96.70	72602.0	481.4	96.72	72685.0	481.4	96.71	72572.0	481.4	96.71	72594.0	481.4	96.73
50%	Vmax	120710.0	482.1	96.84	120850.0	482.1	96.84	120720.0	482.1	96.82	120750.0	482.1	96.85	120550.0	482.1	96.84
75%	Vmax	183490.0	482.0	96.19	183420.0	482.0	96.20	183450.0	482.0	96.21	183350.0	482.0	96.20	183160.0	482.0	96.21
100%	Vmax	248370.0	483.9	95.45	248180.0	483.9	95.45	248230.0	483.9	95.44	248530.0	483.9	95.45	248560.0	483.9	95.46

Specified		Sample #6			Sample #7			Sample #8			Sample #9			Sample #10		
Output Power	Input Voltage	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency	Output Power	Input Voltage	Efficiency
(% of rated)	(Vdc)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	24112.0	267.0	96.17	23869.0	267.0	96.12	23876.0	267.0	96.10	23876.0	267.0	96.13	23863.0	267.0	96.11
20%	Vmin	49400.0	270.2	97.593	49409.0	270.2	97.581	49386.0	270.2	97.581	49397.0	270.2	97.586	49431.0	270.2	97.582
30%	Vmin	73201.0	269.6	97.831	73228.0	269.6	97.829	73214.0	269.6	97.842	73215.0	269.6	97.842	73153.0	269.6	97.842
50%	Vmin	120880.0	265.0	97.467	120780.0	265.0	97.462	120860.0	265.0	97.467	120860.0	265.0	97.467	120840.0	265.0	97.472
75%	Vmin	183730.0	265.7	96.847	183850.0	265.6	96.848	183640.0	265.7	96.838	183730.0	265.7	96.853	183590.0	265.7	96.861
100%	Vmin	250040.0	265.6	95.966	250010.0	265.6	95.957	250010.0	265.6	95.958	249720.0	265.6	95.946	249690.0	265.6	95.944
10%	Vnom	23941.0	322.7	95.641	23935.0	322.7	95.566	23937.0	322.7	95.569	23936.0	322.7	95.577	23928.0	322.7	95.554
20%	Vnom	49539.0	322.1	97.259	49516.0	322.1	97.261	49513.0	322.1	97.257	49489.0	322.1	97.249	49481.0	322.1	97.272
30%	Vnom	73224.0	322.6	97.511	73275.0	322.6	97.524	73246.0	322.6	97.518	73213.0	322.6	97.524	73214.0	322.6	97.527
50%	Vnom	120960.0	324.6	97.287	121020.0	324.6	97.287	120920.0	324.6	97.269	120810.0	324.6	97.264	120870.0	324.6	97.252
75%	Vnom	182720.0	320.9	96.687	182750.0	320.9	96.683	183910.0	320.9	96.707	184000.0	320.9	96.715	184120.0	320.9	96.731
100%	Vnom	250230.0	320.4	95.937	250460.0	320.4	95.934	250520.0	320.4	95.933	250500.0	320.4	95.935	250860.0	320.4	95.936
10%	Vmax	24015.0	483.6	93.978	24009.0	483.6	94.065	23983.0	483.6	93.953	23998.0	483.6	93.984	24018.0	483.6	94.083
20%	Vmax	49391.0	482.2	96.214	49472.0	482.2	96.172	49459.0	482.2	96.206	49400.0	482.2	96.197	49429.0	482.2	96.191
30%	Vmax	73050.0	481.4	96.740	73008.0	481.4	96.737	73035.0	481.4	96.716	73069.0	481.4	96.716	73133.0	481.4	96.729
50%	Vmax	120550.0	482.1	96.832	120380.0	482.1	96.823	120310.0	482.1	96.822	120340.0	482.1	96.831	120140.0	482.1	96.820
75%	Vmax	182990.0	482.0	96.199	183180.0	482.0	96.200	183050.0	482.0	96.197	183020.0	482.0	96.194	183150.0	482.0	96.187
100%	Vmax	248170.0	483.9	95.451	248370.0	483.9	95.457	249430.0	483.9	95.471	249540.0	483.9	95.488	249700.0	483.9	95.486