Manufacturer: PV Powered LLC

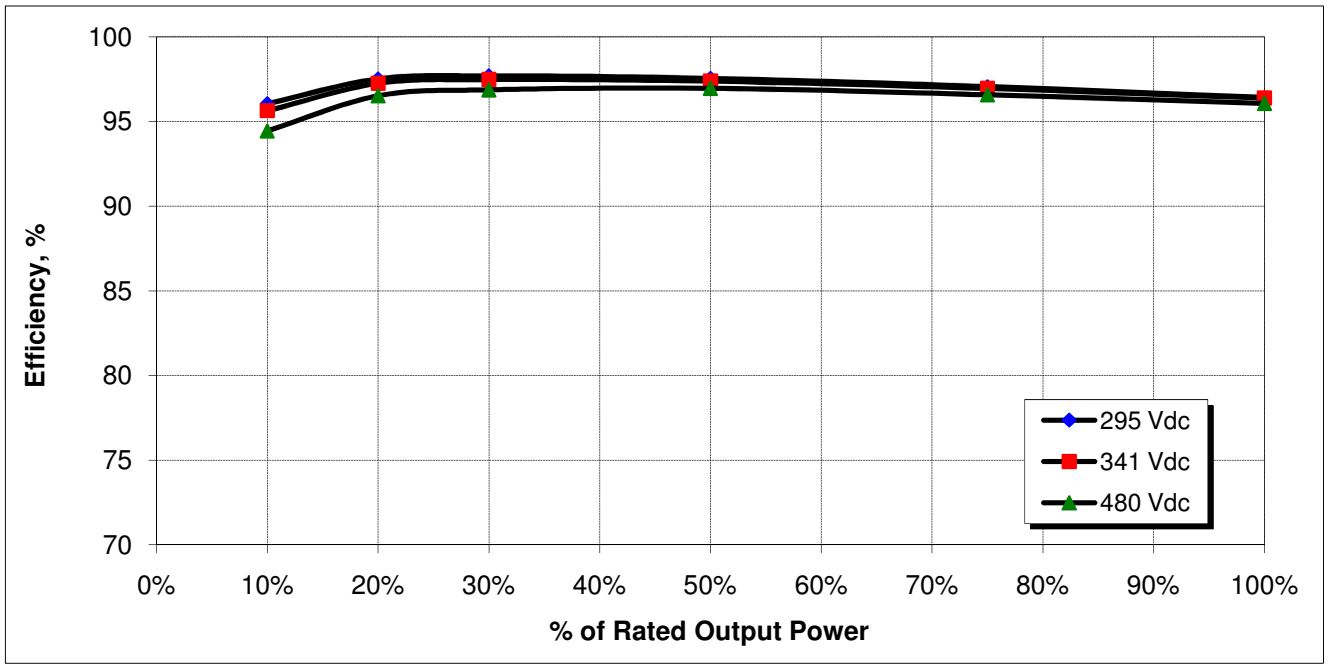
Model #: PVP 260kW 295V

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

Vmin: 295 Vdc Vnom: 341 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	295	96.0	97.5	97.7	97.6	97.1	96.4	97.2
Vnom	341	95.6	97.3	97.5	97.4	97.0	96.4	97.0
Vmax	480	94.4	96.5	96.9	97.0	96.6	96.1	96.6

CEC Efficiency = 97.0%



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	25694.0	297.2	96.06	25679.0	297.2	96.07	25670.0	297.2	96.09	25670.0	297.2	96.04	25687.0	297.2	96.03
20%	Vmin	52520.0	296.8	97.50	52529.0	296.8	97.51	52543.0	296.8	97.50	52530.0	296.8	97.50	52498.0	296.8	97.53
30%	Vmin	79092.0	296.8	97.70	79118.0	296.8	97.72	79124.0	296.8	97.70	79139.0	296.9	97.70	79137.0	296.8	97.70
50%	Vmin	119200.0	296.4	97.54	119290.0	296.4	97.55	119280.0	296.4	97.57	119330.0	296.4	97.57	119460.0	296.4	97.57
75%	Vmin	183020.0	296.7	97.08	182910.0	296.7	97.07	183040.0	296.7	97.07	183260.0	296.7	97.07	183510.0	296.7	97.05
100%	Vmin	252600.0	296.2	96.44	252620.0	296.2	96.43	252890.0	296.2	96.43	252780.0	296.2	96.42	252670.0	296.2	96.42
10%	Vnom	25618.0	343.6	95.71	25635.0	343.6	95.65	25605.0	343.6	95.62	25624.0	343.6	95.63	25637.0	343.6	95.62
20%	Vnom	52500.0	342.8	97.27	52515.0	342.8	97.28	52494.0	342.8	97.23	52542.0	342.8	97.23	52568.0	342.8	97.25
30%	Vnom	78969.0	344.1	97.49	78923.0	344.1	97.49	78842.0	344.1	97.49	78759.0	344.1	97.48	78763.0	344.1	97.48
50%	Vnom	119510.0	344.9	97.40	119280.0	344.9	97.37	119310.0	344.9	97.38	119300.0	344.9	97.38	119300.0	344.9	97.39
75%	Vnom	183520.0	342.8	96.96	183360.0	342.8	96.96	183260.0	342.8	96.96	183350.0	342.8	96.96	183510.0	342.8	96.96
100%	Vnom	252740.0	342.2	96.39	252880.0	342.2	96.39	252820.0	342.2	96.39	253010.0	342.2	96.39	253130.0	342.2	96.40
10%	Vmax	25687.0	482.4	94.43	25711.0	482.4	94.42	25735.0	482.4	94.46	25710.0	482.4	94.48	25712.0	482.5	94.43
20%	Vmax	52580.0	482.7	96.49	52619.0	482.7	96.48	52664.0	482.7	96.53	52641.0	482.7	96.55	52776.0	482.7	96.51
30%	Vmax	79021.0	483.5	96.86	79004.0	483.5	96.85	78929.0	483.5	96.86	78841.0	483.5	96.87	78895.0	483.5	96.89
50%	Vmax	119100.0	484.2	96.97	119060.0	484.2	96.96	118700.0	484.2	96.95	118870.0	484.1	96.96	118920.0	484.2	96.97
75%	Vmax	182720.0	483.0	96.57	183600.0	483.1	96.57	183600.0	483.0	96.57	183690.0	483.0	96.57	183700.0	483.0	96.57
100%	Vmax	250020.0	483.8	96.00	252150.0	483.8	96.05	253550.0	483.8	96.07	253240.0	483.8	96.06	253410.0	483.8	96.07

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	25671.0	297.2	96.03	25683.0	297.2	96.02	25671.0	297.2	96.04	25663.0	297.2	96.03	25654.0	297.2	96.02
20%	Vmin	52506.0	296.8	97.544	52479.0	296.8	97.525	52485.0	296.8	97.524	52496.0	296.8	97.518	52444.0	296.8	97.550
30%	Vmin	79062.0	296.9	97.688	79003.0	296.9	97.701	79121.0	296.9	97.709	79177.0	296.8	97.713	79151.0	296.9	97.727
50%	Vmin	119520.0	296.4	97.565	119550.0	296.4	97.568	119210.0	296.4	97.546	119380.0	296.4	97.561	119450.0	296.4	97.559
75%	Vmin	183440.0	296.7	97.058	183490.0	296.7	97.068	183340.0	296.7	97.065	183320.0	296.7	97.064	183120.0	296.7	97.052
100%	Vmin	252500.0	296.2	96.415	252530.0	296.2	96.419	252290.0	296.2	96.402	252780.0	296.2	96.410	252900.0	296.2	96.409
10%	Vnom	25654.0	343.6	95.646	25663.0	343.6	95.683	25666.0	343.6	95.591	25669.0	343.6	95.624	25670.0	343.6	95.634
20%	Vnom	52616.0	342.8	97.265	52605.0	342.8	97.262	52529.0	342.8	97.247	52557.0	342.8	97.292	52539.0	342.8	97.302
30%	Vnom	78807.0	344.1	97.488	78790.0	344.1	97.476	78690.0	344.1	97.483	78662.0	344.1	97.472	78768.0	344.1	97.480
50%	Vnom	119370.0	344.9	97.366	119450.0	344.9	97.399	119320.0	344.9	97.393	119230.0	344.9	97.413	119340.0	344.9	97.412
75%	Vnom	183290.0	342.8	96.965	183200.0	342.8	96.954	182890.0	342.8	96.958	182800.0	342.8	96.958	182840.0	342.8	96.962
100%	Vnom	253520.0	342.1	96.396	253210.0	342.2	96.381	253000.0	342.2	96.384	252880.0	342.2	96.381	252790.0	342.2	96.380
10%	Vmax	25682.0	482.4	94.468	25663.0	482.4	94.454	25644.0	482.4	94.410	25635.0	482.4	94.465	25641.0	482.4	94.410
20%	Vmax	52815.0	482.7	96.522	52878.0	482.7	96.551	52825.0	482.7	96.524	52597.0	482.7	96.451	52552.0	482.7	96.496
30%	Vmax	78931.0	483.5	96.862	78892.0	483.5	96.886	78916.0	483.5	96.870	78993.0	483.5	96.858	78952.0	483.5	96.854
50%	Vmax	118950.0	484.1	96.957	118730.0	484.1	96.931	119490.0	484.1	96.967	119380.0	484.1	96.948	119270.0	484.1	96.943
75%	Vmax	183930.0	483.0	96.580	183740.0	483.0	96.577	183680.0	483.0	96.582	183440.0	483.0	96.556	183360.0	483.0	96.548
100%	Vmax	253430.0	483.8	96.070	253380.0	483.8	96.072	253380.0	483.8	96.070	253470.0	483.8	96.076	253590.0	483.8	96.065