Manufacturer: PVPowered

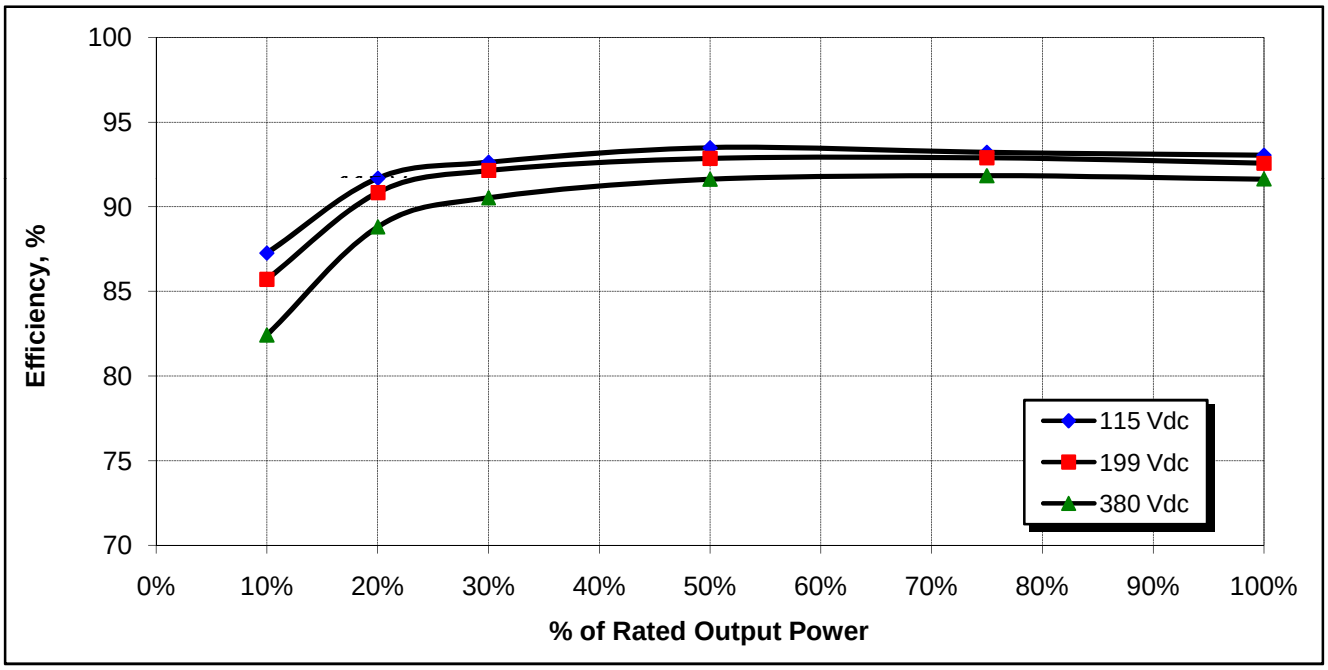
Model #: PVP2000EVR

Rated Maximum Continuous Output Power: _____ kW Night Tare Loss: -3.60 W

Vmin: 115 Vdc Vnom: 199 Vdc Vmax: 380 Vdc

Input Voltage (Vdc)		Power Level (%; kW) 10%	20%	30%	50%	75%	100%	Wtd
Vmin	115	87.3	91.7	92.6	93.5	93.2	93.0	92.9
Vnom	199	85.7	90.8	92.1	92.9	92.9	92.6	92.4
Vmax	380	82.4	88.8	90.5	91.6	91.8	91.6	91.1

CEC Efficiency = 92.0%



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	195.9	116.9	86.93	196.7	116.9	87.08	196.7	116.9	87.05	196.6	116.9	87.28	196.7	116.9	87.14
20%	Vmin	436.4	116.8	91.32	437.6	116.8	91.57	438.1	116.8	91.89	439.4	116.8	91.90	439.2	116.8	91.89
30%	Vmin	648.0	116.8	92.88	647.2	116.8	92.82	646.7	116.8	92.57	646.1	116.8	92.39	644.0	116.8	92.10
50%	Vmin	1086.2	116.7	93.60	1087.6	116.7	93.61	1088.0	116.7	93.58	1085.1	116.6	93.30	1087.6	116.6	93.49
75%	Vmin	1461.6	116.6	93.19	1463.0	116.5	93.28	1467.4	116.5	93.34	1467.9	116.6	93.37	1462.7	116.5	93.18
100%	Vmin	1928.7	116.5	92.96	1933.5	116.5	93.20	1925.2	116.5	92.81	1931.3	116.4	93.11	1929.5	116.5	93.09
10%	Vnom	196.1	199.7	85.78	195.7	199.7	85.63	196.2	199.7	85.80	195.8	199.7	85.64	196.4	199.7	85.76
20%	Vnom	437.0	199.6	90.80	437.3	199.6	90.90	436.6	199.6	90.80	437.5	199.6	90.90	436.9	199.6	90.73
30%	Vnom	647.5	199.5	92.05	648.3	199.6	92.20	648.5	199.5	92.15	648.9	199.5	92.20	648.7	199.5	92.20
50%	Vnom	1090.3	199.5	92.82	1095.9	199.5	92.96	1093.6	199.5	92.79	1089.3	199.5	92.92	1087.1	199.5	92.74
75%	Vnom	1464.0	199.5	93.00	1460.2	199.4	92.84	1461.6	199.5	92.80	1464.1	199.4	92.94	1463.7	199.5	92.83
100%	Vnom	1942.3	199.4	92.62	1939.9	199.4	92.52	1943.7	199.4	92.65	1940.0	199.4	92.52	1941.5	199.4	92.52
10%	Vmax	196.9	380.6	82.45	196.4	380.6	82.35	196.9	380.6	82.46	196.1	380.6	82.37	196.9	380.6	82.46
20%	Vmax	429.5	380.5	88.77	429.3	380.5	88.79	429.9	380.5	88.89	429.6	380.5	88.76	430.4	380.5	88.89
30%	Vmax	640.1	380.5	90.45	640.6	380.5	90.59	640.5	380.5	90.44	641.2	380.5	90.58	640.0	380.5	90.48
50%	Vmax	1087.8	380.5	91.61	1088.9	380.4	91.69	1088.2	380.5	91.60	1085.7	380.5	91.72	1083.6	380.5	91.58
75%	Vmax	1454.0	380.5	91.79	1457.7	380.5	91.91	1456.9	380.5	91.81	1459.4	380.5	91.92	1455.2	380.5	91.78
100%	Vmax	1946.2	380.5	91.71	1944.2	380.5	91.55	1947.8	380.5	91.70	1944.4	380.5	91.56	1948.2	380.5	91.73

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	197.9	116.8	87.65	197.8	116.9	87.46	198.1	116.8	87.53						
20%	Vmin	439.0	116.8	91.895	437.8	116.8	91.548	437.6	116.8	91.423						
30%	Vmin	647.6	116.8	92.737	647.0	116.8	92.944	646.4	116.8	92.608						
50%	Vmin	1087.8	116.6	93.506	1088.8	116.6	93.581	1085.6	116.6	93.269						
75%	Vmin	1462.0	116.5	92.922	1466.3	116.5	93.409	1464.1	116.5	93.001						
100%	Vmin	1930.7	116.4	93.097	1932.6	116.4	93.112	1928.5	116.4	92.941						
10%	Vnom	195.7	199.7	85.605	196.4	199.7	85.744	196.3	199.7	85.694						
20%	Vnom	437.7	199.6	90.862	437.0	199.6	90.788	437.7	199.6	90.883						
30%	Vnom	648.1	199.5	92.074	648.4	199.5	92.173	646.9	199.5	92.029						
50%	Vnom	1091.1	199.5	92.965	1091.3	199.5	92.903	1089.4	199.5	92.748						
75%	Vnom	1465.0	199.4	92.950	1462.1	199.4	92.814	1461.8	199.4	92.946						
100%	Vnom	1942.7	199.4	92.630	1937.1	199.4	92.594	1938.1	199.4	92.610						
10%	Vmax	196.5	380.6	82.360	196.7	380.6	82.487	196.6	380.6	82.447						
20%	Vmax	428.4	380.6	88.752	429.3	380.6	88.902	428.4	380.5	88.765						
30%	Vmax	641.4	380.5	90.593	641.7	380.5	90.601	641.0	380.5	90.494						
50%	Vmax	1085.9	380.5	91.697	1083.9	380.5	91.561	1083.6	380.5	91.541						
75%	Vmax	1457.7	380.5	91.785	1457.3	380.5	91.924	1456.7	380.5	91.802						
100%	Vmax	1942.7	380.5	91.580	1946.3	380.5	91.685	1944.0	380.5	91.573						