Manufacturer: Green Power Technologies SL

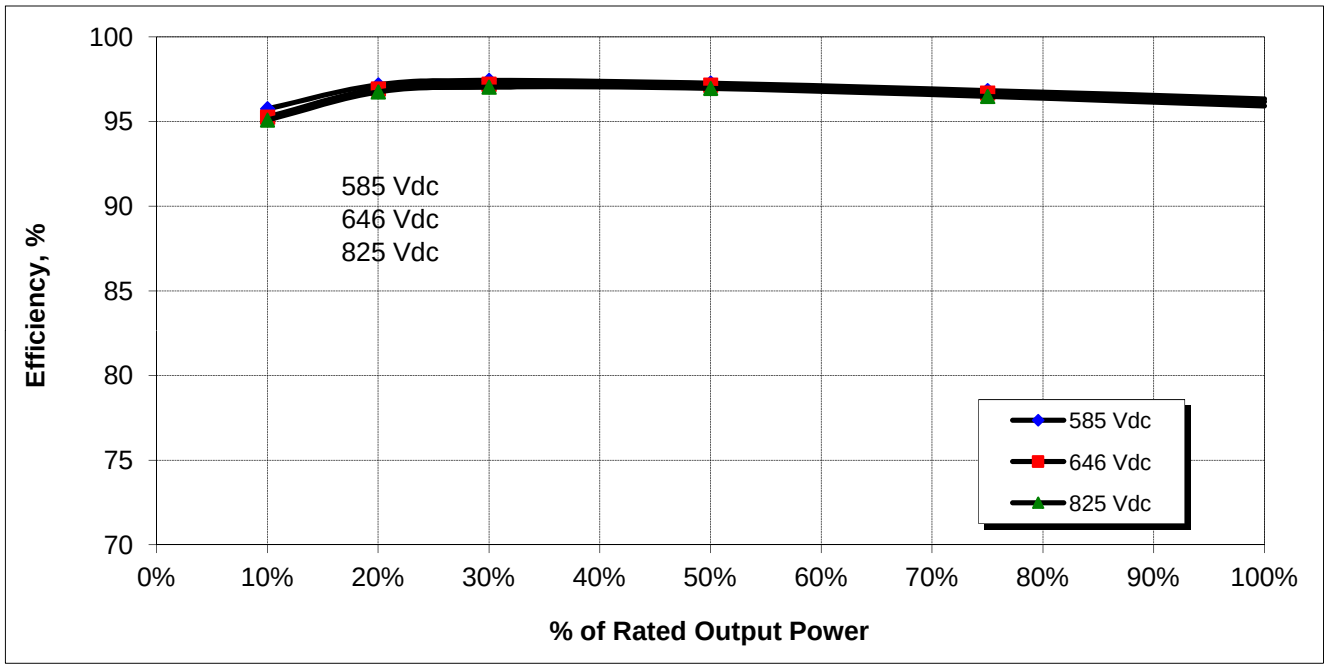
Model #: PV750WDX-XXX + MVT

Rated Maximum Continuous Output Power: 890 Kw Night Tare Loss: 154.1 W

Vmin: 585 Vdc Vnom: 646 Vdc Vmax: 825 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		89	178	267	445	668	890	Wtd
Vmin	585	95.8	97.2	97.4	97.3	96.8	96.3	96.9
Vnom	646	95.3	96.9	97.2	97.1	96.7	96.2	96.8
Vmax	825	95.1	96.8	97.0	97.0	96.5	95.9	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)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	89.36	585.91	98.959	89.43	585.92	98.927	89.45	585.91	98.949	89.41	585.91	98.905	89.4	585.91	98.894
20%	Vmin	179.29	585.89	99.017	179.13	585.87	99.005	179.12	585.86	99.016	179.14	585.86	99.027	179.12	585.87	99.016
30%	Vmin	268.13	585.7	98.941	267.69	585.7	98.936	267.87	585.7	98.929	267.9	585.69	98.940	267.82	585.69	98.936
50%	Vmin	445.77	585.63	98.702	445.94	585.64	98.703	445.6	585.64	98.700	445.6	585.64	98.709	445.71	585.64	98.702
75%	Vmin	666.81	585.38	98.461	667.06	585.36	98.463	667.25	585.37	98.462	667.19	585.37	98.464	667.24	585.37	98.467
100%	Vmin	891.84	585.13	98.274	889.47	585.1	98.276	889.82	585.11	98.272	889.98	585.12	98.272	889.71	585.12	98.270
10%	Vnom	89.16	647.88	98.443	88.92	647.8	98.439	88.9	647.87	98.417	88.92	647.86	98.395	88.87	647.86	98.416
20%	Vnom	179.08	647.93	98.776	179.1	647.92	98.787	179.07	647.9	98.770	179.05	647.89	98.759	179.04	647.88	98.753
30%	Vnom	268.25	647.81	98.705	268.24	647.87	98.701	267.14	647.91	98.701	268.22	647.92	98.708	268.24	647.93	98.701
50%	Vnom	446.39	647.63	98.569	446.17	647.65	98.579	446.1	647.680	98.570	446.21	647.7	98.582	446.22	647.72	98.575
75%	Vnom	666.13	647.27	98.312	666.12	647.26	98.316	666	647.26	98.317	666.12	647.26	98.310	666.06	647.26	98.316
100%	Vnom	892.56	647.02	98.089	891.9	647.02	98.086	891.4	647.01	98.093	891.02	647	98.090	891.09	647	98.091
10%	Vmax	89.8	826.72	98.282	89.73	826.72	98.280	89.67	826.71	98.215	89.66	826.71	98.204	89.66	826.71	98.204
20%	Vmax	177.95	826.5	98.587	177.97	826.52	98.598	178.01	826.53	98.582	178.01	826.53	98.582	178	826.52	98.599
30%	Vmax	267.52	826.4	98.545	267.61	826.37	98.531	267.57	826.36	98.552	267.57	826.36	98.542	267.6	826.36	98.527
50%	Vmax	445.51	826.41	98.405	445.54	826.44	98.397	445.23	826.45	98.393	445.36	826.46	98.400	445.3	826.46	98.394
75%	Vmax	666.95	826.29	98.110	667.11	826.31	98.104	667.85	826.33	98.102	667.62	826.33	98.107	667.58	826.32	98.101
100%	Vmax	882.25	825.99	97.846	883.5	826	97.851	882.85	826.01	97.852	883.41	826.02	97.849	883.47	826.01	97.848

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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	89.41	585.91	98.905	89.4	585.91	98.894									
20%	Vmin	179.12	585.87	99.016	179.12	585.87	99.016									
30%	Vmin	267.93	585.7	98.929	267.93	585.71	98.929									
50%	Vmin	445.6	585.63	98.700	445.62	585.62	98.713									
75%	Vmin	667.23	585.38	98.465	667.2	585.38	98.465									
100%	Vmin	889.78	585.12	98.272	889.69	585.12	98.272									
10%	Vnom	88.89	647.86	98.406	88.88	647.86	98.427									
20%	Vnom	179.02	647.86	98.781	179.02	647.86	98.759									
30%	Vnom	268.22	647.94	98.708	268.26	647.94	98.698									
50%	Vnom	446.21	647.74	98.582	446.25	647.75	98.575									
75%	Vnom	666	647.26	98.317	666.07	647.25	98.313									
100%	Vnom	890.78	647.01	98.085	890.79	647.01	98.086									
10%	Vmax	89.63	826.7	98.279	89.63	826.7	98.203									
20%	Vmax	178.03	826.52	98.577	178.06	826.52	98.594									
30%	Vmax	267.59	826.36	98.524	267.6	826.36	98.527									
50%	Vmax	445.24	826.46	98.396	445.33	826.46	98.394									
75%	Vmax	667.78	826.32	98.106	667.65	826.31	98.107									
100%	Vmax	883.08	826.01	97.848	883.39	826.02	97.850									