Manufacturer: Green Power Technologies SL

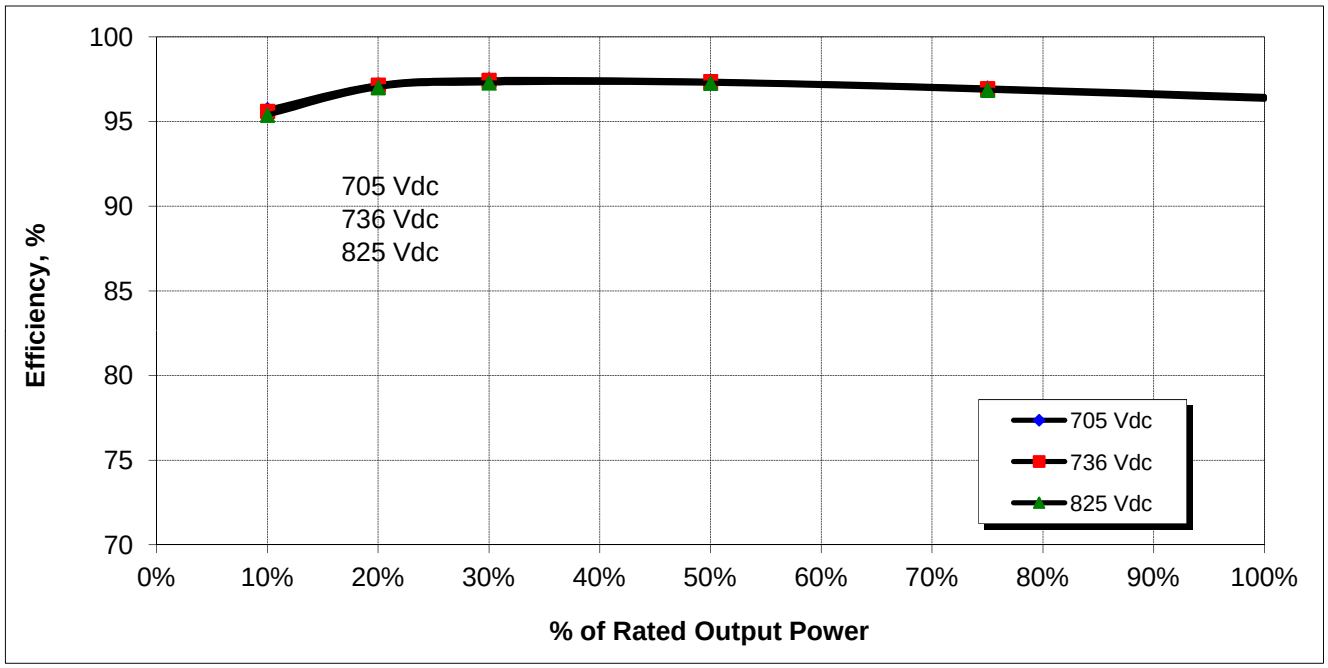
Model #: PV900WDX-XXX + MVT

Rated Maximum Continuous Output Power: 1080 Kw Night Tare Loss: 155.7 W

Vmin: 705 Vdc Vnom: 736 Vdc Vmax: 825 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		108	216	324	540	810	1080	Wtd
Vmin	705	95.7	97.2	97.5	97.4	97.0	96.5	97.1
Vnom	736	95.6	97.1	97.4	97.4	97.0	96.4	97.0
Vmax	825	95.4	97.0	97.3	97.3	96.9	96.3	96.9

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	108.97	706.75	98.884	108.97	706.78	98.911	108.92	706.77	98.865	108.91	706.75	98.856	108.82	706.73	98.864
20%	Vmin	217.14	706.48	99.002	216.82	706.48	99.018	216.82	706.5	99.018	216.92	706.52	99.019	216.86	706.53	99.023
30%	Vmin	324.97	706.52	98.986	324.85	706.52	98.979	324.86	706.51	98.982	324.88	706.5	98.988	324.84	706.51	98.976
50%	Vmin	540.31	706.17	98.815	540.68	706.2	98.827	540.54	706.22	98.819	540.51	706.22	98.819	540.61	706.21	98.819
75%	Vmin	810.14	705.83	98.614	810.95	705.83	98.616	811.58	705.82	98.616	811.34	705.82	98.616	811.43	705.81	98.618
100%	Vmin	1080.8	705.59	98.413	1080.46	705.59	98.418	1080.71	705.59	98.414	1080.7	705.57	98.415	1080.5	705.56	98.412
10%	Vnom	108.68	737.63	98.773	108.5	737.65	98.789	108.51	737.67	98.762	108.58	737.68	98.799	108.55	737.69	98.772
20%	Vnom	216.25	737.61	98.987	216.27	737.59	98.993	216.44	737.57	98.980	216.44	737.56	98.980	216.47	737.56	98.980
30%	Vnom	324.85	737.44	98.928	324.73	737.45	98.943	324.74	737.46	98.937	324.78	737.46	98.928	324.78	737.45	98.928
50%	Vnom	541.71	737.24	98.793	541.88	737.25	98.788	541.67	737.250	98.787	541.64	737.25	98.787	541.69	737.25	98.782
75%	Vnom	808.98	737.09	98.580	809.24	737.07	98.580	809.64	737.06	98.577	809.45	737.05	98.578	809.46	737.04	98.574
100%	Vnom	1075.7	736.66	98.326	1077.12	736.66	98.325	1078.48	736.68	98.323	1077.9	736.7	98.322	1078.18	736.71	98.320
10%	Vmax	108.28	825.72	98.526	107.95	825.75	98.521	108.89	825.74	98.530	107.91	825.72	98.548	107.81	825.71	98.547
20%	Vmax	215.98	825.66	98.847	21608	825.63	98.834	216.16	825.63	98.839	216.19	825.64	98.852	216.25	825.65	98.835
30%	Vmax	325.33	825.57	98.785	325.45	825.56	98.780	325.47	825.57	98.777	325.45	825.58	98.771	325.53	825.59	98.786
50%	Vmax	539.55	825.47	98.698	540.04	825.5	98.692	540.24	825.49	98.692	540.04	825.47	98.692	540.09	825.47	98.695
75%	Vmax	810.64	825.21	98.474	809.7	825.2	98.476	809.81	825.21	98.477	809.84	825.2	98.481	809.65	825.18	98.477
100%	Vmax	1079.6	824.92	98.232	1078.77	824.89	98.233	1080.22	824.89	98.231	1079.77	824.87	98.232	1079.5	824.87	98.232

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	108.75	706.71	98.864	108.71	706.69	98.854									
20%	Vmin	216.88	706.52	99.032	216.88	706.52	99.032									
30%	Vmin	324.84	706.49	98.976	324.85	706.49	98.979									
50%	Vmin	540.48	706.19	98.821	540.45	706.18	98.821									
75%	Vmin	811.56	705.81	98.618	811.41	705.82	98.616									
100%	Vmin	1080.6	705.54	98.413	1080.5	705.53	98.412									
10%	Vnom	108.6	737.7	98.754	108.64	737.72	98.764									
20%	Vnom	216.51	737.55	98.999	216.5	737.55	98.994									
30%	Vnom	324.8	737.45	98.934	324.82	737.45	98.940									
50%	Vnom	541.58	737.24	98.792	541.59	737.24	98.789									
75%	Vnom	809.52	737.04	98.578	809.38	737.03	98.573									
100%	Vnom	1078.5	736.73	98.319	1078.06	736.73	98.325									
10%	Vmax	107.82	825.71	98.556	108.85	825.72	98.520									
20%	Vmax	216.29	825.65	98.853	216.34	825.66	98.844									
30%	Vmax	325.56	825.6	98.774	325.58	825.61	98.780									
50%	Vmax	540.11	825.48	98.692	540.04	825.48	98.692									
75%	Vmax	809.76	825.19	98.479	809.72	825.19	98.479									
100%	Vmax	1079.8	824.87	98.231	1079.22	824.87	98.230									