Manufacturer: Green Power Technologies SL

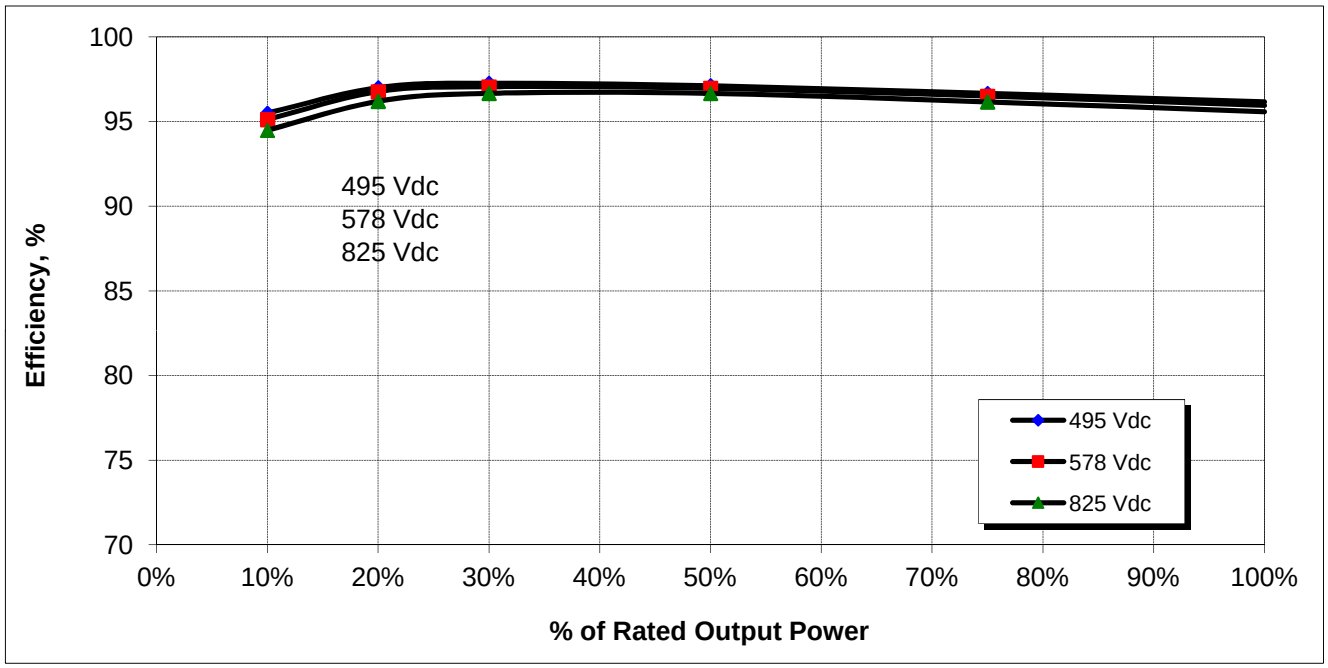
Model #: PV630WDX-XXX + MVT

Rated Maximum Continuous Output Power: 750 kW Night Tare Loss: 155.7 W

Vmin: 495 Vdc Vnom: 578 Vdc Vmax: 825 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		75	150	225	375	563	750	Wtd
Vmin	495	95.5	97.0	97.3	97.1	96.7	96.2	96.8
Vnom	578	95.1	96.8	97.0	97.0	96.5	95.9	96.6
Vmax	825	94.5	96.2	96.7	96.7	96.2	95.6	96.2

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)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	75.59	495.39	98.707	75.66	495.4	98.644	75.66	495.4	98.644	75.65	495.4	98.631	75.68	495.4	98.670
20%	Vmin	151.64	495.32	98.833	151.66	495.32	98.814	151.63	495.32	98.846	151.64	495.32	98.853	151.64	495.33	98.853
30%	Vmin	226.04	495.19	98.763	225.97	495.19	98.763	225.88	495.19	98.767	255.9	495.18	98.763	225.9	495.18	98.763
50%	Vmin	374.91	495.01	98.539	375.05	495	98.542	375.39	495	98.535	375.32	495	98.535	375.37	495.01	98.540
75%	Vmin	562.74	494.74	98.278	562.65	494.75	98.285	562.47	494.76	98.282	562.47	494.76	98.282	562.43	494.77	98.281
100%	Vmin	749.65	494.53	98.079	749.67	494.53	98.073	749.64	494.54	98.073	749.61	494.54	98.078	749.57	494.54	98.077
10%	Vnom	74.86	579.07	98.241	74.92	579.08	98.282	75	579.08	98.296	74.96	579.08	98.244	74.97	579.08	98.257
20%	Vnom	150.13	579.24	98.621	150.26	579.25	98.596	150.25	579.24	98.589	150.24	579.23	98.583	150.27	579.23	98.602
30%	Vnom	224.65	579.04	98.544	224.96	579.06	98.537	225.08	579.07	98.546	225.02	579.08	98.550	225.1	579.09	98.542
50%	Vnom	375.75	578.95	98.390	375.74	578.95	98.379	375.5	578.940	98.394	375.56	578.94	98.391	375.54	578.95	98.386
75%	Vnom	562.42	578.76	98.119	562.48	578.77	98.118	562.64	578.79	98.118	562.66	578.79	98.122	562.66	578.8	98.122
100%	Vnom	751.51	578.5	97.866	750.6	578.53	97.861	748.77	578.52	97.866	751.69	578.58	97.864	750.86	578.58	97.861
10%	Vmax	75.41	827.93	97.593	75.32	827.91	97.565	75.31	827.88	97.552	75.3	827.87	97.627	75.28	827.86	97.639
20%	Vmax	150.45	827.87	98.013	150.58	828.87	98.015	150.65	827.9	98.016	150.68	827.92	98.035	150.71	827.93	98.010
30%	Vmax	225.12	827.59	98.147	225.11	827.58	98.160	225.01	827.56	98.172	224.98	827.56	98.159	224.96	827.56	98.150
50%	Vmax	375.42	827.45	98.039	375.35	827.45	98.036	375.31	827.45	98.043	375.3	827.44	98.410	375.27	827.44	98.033
75%	Vmax	562.54	827.24	97.765	562.62	827.26	97.767	562.7	827.29	97.776	562.76	827.33	97.774	562.84	827.35	97.778
100%	Vmax	751.26	827.09	97.486	749.69	827.07	97.493	750.22	827.07	97.491	750.11	827.08	97.489	749.94	827.08	97.492

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	75.65	495.4	98.631	75.65	495.4	98.631									
20%	Vmin	151.65	495.33	98.859	151.66	495.33	98.846									
30%	Vmin	225.88	495.18	98.767	225.91	495.18	98.780									
50%	Vmin	375.46	495.01	98.546	375.39	495.01	98.528									
75%	Vmin	562.41	494.77	98.284	562.42	494.78	98.286									
100%	Vmin	749.41	494.54	98.077	749.41	494.55	98.077									
10%	Vnom	74.99	579.08	98.283	74.94	579.08	98.257									
20%	Vnom	150.26	579.23	98.596	150.26	579.22	98.596									
30%	Vnom	225.11	579.09	98.560	225.1	579.1	98.555									
50%	Vnom	375.49	578.95	98.399	375.55	578.95	98.389									
75%	Vnom	562.72	578.81	98.120	562.71	578.81	98.119									
100%	Vnom	749.8	578.6	97.863	751.41	578.63	97.865									
10%	Vmax	75.31	827.86	97.590	75.3	827.85	97.665									
20%	Vmax	150.75	827.94	98.017	150.77	827.95	98.030									
30%	Vmax	224.96	827.56	98.150	224.99	827.57	98.163									
50%	Vmax	375.28	827.44	98.036	375.33	827.45	98.031									
75%	Vmax	562.91	827.38	97.778	562.96	827.4	97.782									
100%	Vmax	750.12	827.08	97.490	749.9	827.08	97.491									