Manufacturer: Power-One, Inc.

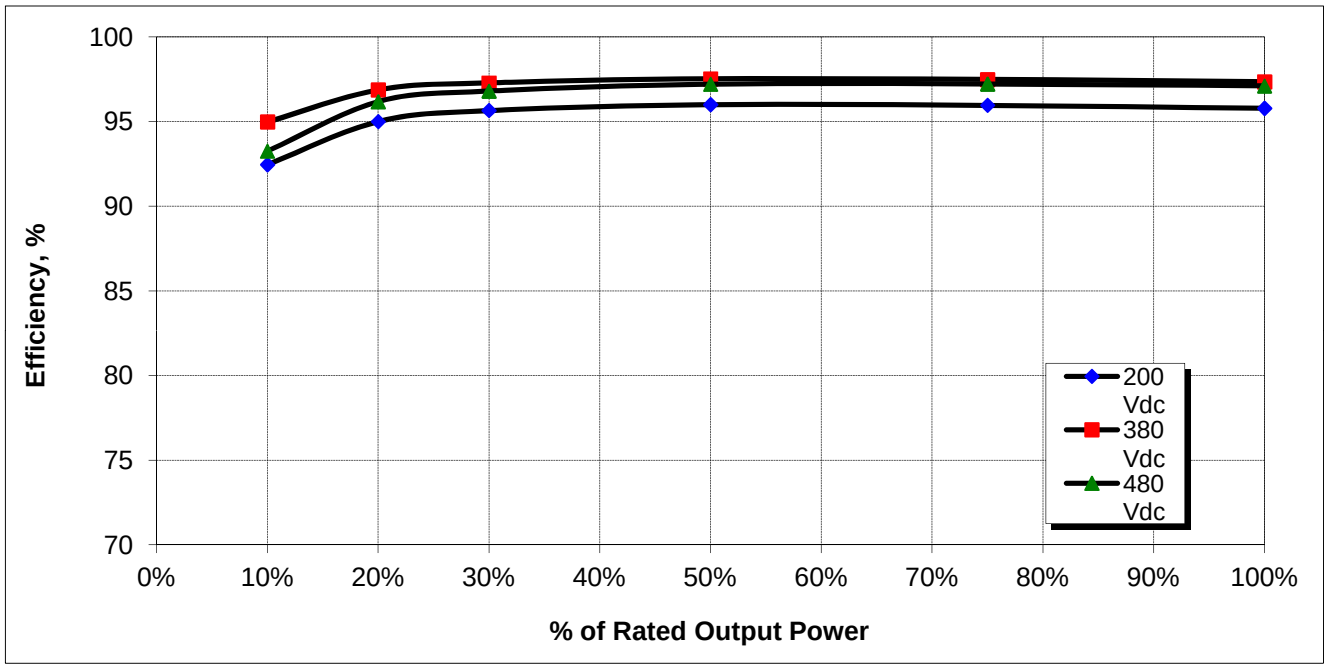
Model #: UNO-7.6-TL-OUTD-S-US-A @ 240Vac

Rated Maximum Continuous Output Power: 7.60 kW Night Tare Loss: 1.40 W

Vmin: 200 Vdc Vnom: 380 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.76	1.52	2.28	3.80	5.70	7.60	Wtd
Vmin	200	92.5	95.0	95.7	96.0	96.0	95.8	95.737
Vnom	380	95.0	96.9	97.3	97.5	97.5	97.3	97.324
Vmax	480	93.3	96.2	96.8	97.2	97.2	97.1	96.948

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	0.730	199.717	92.464	0.729	199.717	92.449	0.729	199.717	92.458	0.730	199.693	92.464	0.730	199.700	92.464
20%	Vmin	1.647	199.700	94.999	1.647	199.713	94.993	1.647	199.700	95.000	1.647	199.720	94.995	1.647	199.703	94.998
30%	Vmin	2.438	199.613	95.653	2.438	199.640	95.651	2.438	199.620	95.655	2.438	199.630	95.653	2.437	199.620	95.655
50%	Vmin	4.151	199.583	96.012	4.151	199.597	95.998	4.152	199.587	96.005	4.152	199.603	96.002	4.152	199.587	96.007
75%	Vmin	5.700	199.607	95.970	5.699	199.613	95.959	5.699	199.610	95.965	5.700	199.617	95.960	5.699	199.613	95.965
100%	Vmin	7.269	199.393	95.775	7.270	199.390	95.788	7.270	199.400	95.788	7.270	199.397	95.788	7.269	199.403	95.779
10%	Vnom	0.741	380.733	94.983	0.741	380.750	94.975	0.741	380.737	94.983	0.741	380.720	94.981	0.741	380.717	94.985
20%	Vnom	1.656	380.587	96.865	1.656	380.607	96.860	1.656	380.593	96.861	1.658	380.583	96.864	1.658	380.593	96.862
30%	Vnom	2.460	380.397	97.275	2.460	380.407	97.275	2.460	380.393	97.276	2.460	380.393	97.274	2.460	380.387	97.278
50%	Vnom	4.159	379.920	97.525	4.159	379.937	97.518	4.159	379.927	97.529	4.159	379.940	97.512	4.159	379.923	97.522
75%	Vnom	5.717	379.510	97.477	5.718	379.507	97.477	5.717	379.527	97.477	5.716	379.503	97.487	5.716	379.510	97.471
100%	Vnom	7.301	379.017	97.347	7.300	379.013	97.342	7.300	379.023	97.346	7.300	379.013	97.342	7.299	379.027	97.350
10%	Vmax	0.727	480.947	93.254	0.727	480.970	93.253	0.728	480.973	93.258	0.727	480.973	93.255	0.728	480.963	93.259
20%	Vmax	1.636	480.887	96.169	1.636	480.880	96.174	1.636	480.883	96.167	1.636	480.900	96.168	1.636	480.873	96.166
30%	Vmax	2.443	480.710	96.797	2.442	480.697	96.801	2.441	480.727	96.797	2.441	480.710	96.799	2.441	480.723	96.796
50%	Vmax	4.147	480.400	97.208	4.148	480.407	97.208	4.148	480.397	97.198	4.148	480.407	97.204	4.148	480.407	97.204
75%	Vmax	5.673	480.030	97.223	5.673	480.050	97.218	5.673	480.030	97.224	5.673	480.050	97.218	5.671	480.047	97.217
100%	Vmax	7.245	479.660	97.100	7.245	479.660	97.100	7.244	479.677	97.100	7.243	479.667	97.096	7.246	479.677	97.110

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	0.729	199.720	92.454	0.729	199.730	92.452									
20%	Vmin	1.648	199.720	94.995	1.647	199.700	95.000									
30%	Vmin	2.437	199.633	95.651	2.437	199.623	95.655									
50%	Vmin	4.152	199.593	96.004	4.152	199.583	96.011									
75%	Vmin	5.699	199.620	95.965	5.699	199.623	95.959									
100%	Vmin	7.270	199.403	95.788	7.270	199.407	95.780									
10%	Vnom	0.741	380.733	94.980	0.741	380.733	94.977									
20%	Vnom	1.658	380.593	96.862	1.658	380.577	96.866									
30%	Vnom	2.460	380.377	97.281	2.457	380.370	97.282									
50%	Vnom	4.158	379.933	97.513	4.158	379.927	97.515									
75%	Vnom	5.716	379.517	97.482	5.716	379.527	97.465									
100%	Vnom	7.300	379.013	97.342	7.301	379.023	97.351									
10%	Vmax	0.728	480.970	93.255	0.728	480.963	93.267									
20%	Vmax	1.636	480.867	96.168	1.636	480.850	96.170									
30%	Vmax	2.441	480.710	96.798	2.441	480.733	96.797									
50%	Vmax	4.147	480.410	97.199	4.148	480.400	97.200									
75%	Vmax	5.672	480.047	97.217	5.671	480.033	97.217									
100%	Vmax	7.245	479.670	97.105	7.245	479.657	97.109									