Manufacturer: Power-One, Inc.

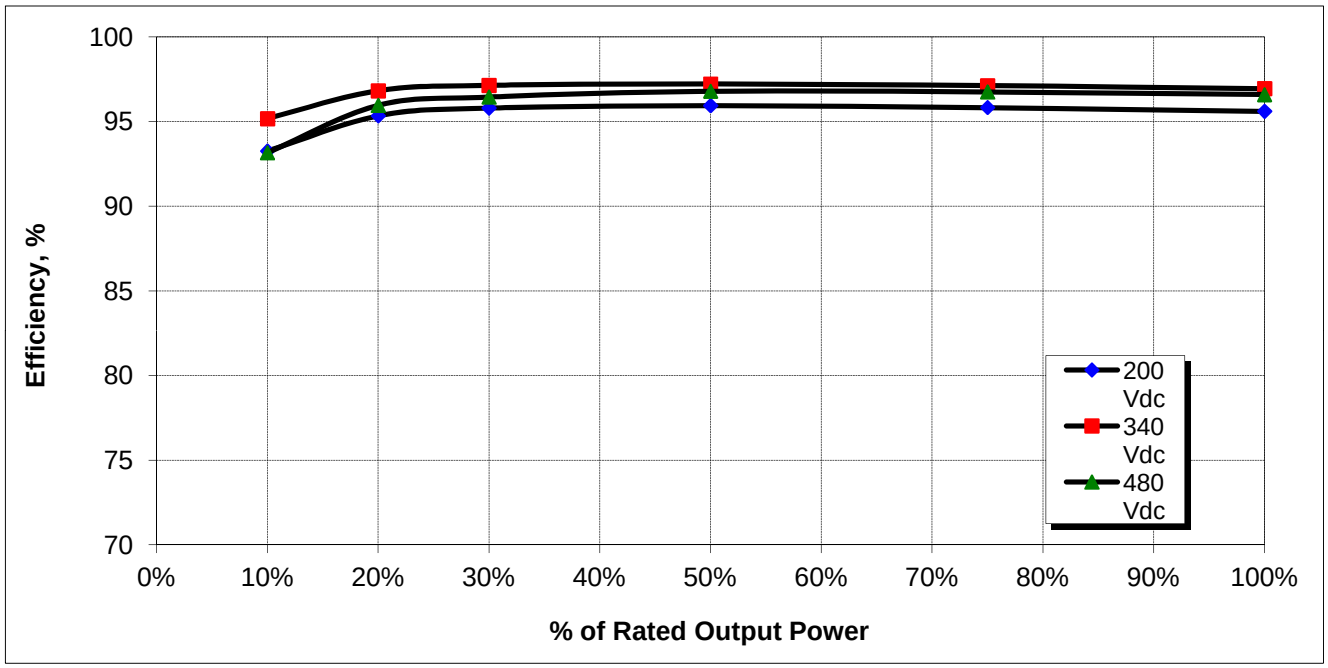
Model #: UNO-7.6-TL-OUTD-S-US-A @ 208Vac

Rated Maximum Continuous Output Power: 7.60 kW Night Tare Loss: 1.33 W

Vmin: 200 Vdc Vnom: 340 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	93.3	95.3	95.8	95.9	95.8	95.6	95.71
Vnom	340	95.2	96.8	97.1	97.2	97.1	96.9	97.04
Vmax	480	93.2	96.0	96.4	96.8	96.8	96.6	96.54

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	0.735	199.633	93.262	0.734	199.630	93.255	0.734	199.627	93.260	0.734	199.640	93.253	0.734	199.637	93.252
20%	Vmin	1.654	199.567	95.336	1.655	199.560	95.340	1.655	199.563	95.338	1.655	199.563	95.346	1.654	199.577	95.342
30%	Vmin	2.448	199.513	95.802	2.448	199.507	95.805	2.448	199.513	95.802	2.448	199.500	95.802	2.447	199.517	95.799
50%	Vmin	4.160	199.413	95.938	4.161	199.417	95.942	4.161	199.430	95.945	4.160	199.420	95.934	4.161	199.423	95.949
75%	Vmin	5.718	199.377	95.827	5.718	199.373	95.827	5.718	199.380	95.832	5.718	199.363	95.827	5.718	199.377	95.821
100%	Vmin	7.302	199.380	95.613	7.302	199.383	95.613	7.301	199.377	95.613	7.301	199.380	95.613	7.302	199.363	95.613
10%	Vnom	0.733	340.843	95.190	0.733	340.847	95.175	0.733	340.823	95.178	0.733	340.823	95.178	0.733	340.833	95.173
20%	Vnom	1.648	340.570	96.819	1.648	340.550	96.824	1.648	340.580	96.817	1.647	340.570	96.820	1.648	340.550	96.824
30%	Vnom	2.442	340.367	97.131	2.442	340.343	97.136	2.442	340.360	97.132	2.442	340.350	97.135	2.443	340.363	97.130
50%	Vnom	4.132	339.793	97.219	4.132	339.777	97.215	4.132	339.780	97.218	4.133	339.760	97.219	4.133	339.780	97.214
75%	Vnom	5.692	339.290	97.116	5.693	339.273	97.123	5.692	339.277	97.117	5.693	339.257	97.117	5.692	339.273	97.116
100%	Vnom	7.266	338.777	96.945	7.266	338.767	96.945	7.267	338.783	96.945	7.265	338.777	96.944	7.265	338.787	96.936
10%	Vmax	0.728	481.050	93.168	0.728	481.037	93.178	0.728	481.013	93.171	0.728	481.013	93.169	0.727	481.033	93.167
20%	Vmax	1.643	480.880	95.962	1.643	480.877	95.964	1.643	480.880	95.960	1.643	480.887	95.962	1.643	480.867	95.963
30%	Vmax	2.437	480.723	96.449	2.437	480.720	96.450	2.437	480.727	96.448	2.438	480.730	96.451	2.438	480.720	96.448
50%	Vmax	4.158	480.353	96.797	4.159	480.340	96.801	4.158	480.327	96.798	4.157	480.337	96.798	4.159	480.323	96.802
75%	Vmax	5.677	480.023	96.756	5.677	480.020	96.756	5.677	480.003	96.756	5.678	480.020	96.745	5.676	480.020	96.761
100%	Vmax	7.257	479.713	96.596	7.257	479.703	96.595	7.257	479.697	96.596	7.256	479.703	96.590	7.256	479.697	96.593

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	0.734	199.620	93.265	0.733	199.630	93.249									
20%	Vmin	1.655	199.563	95.340	1.655	199.570	95.340									
30%	Vmin	2.448	199.520	95.801	2.448	199.523	95.801									
50%	Vmin	4.160	199.427	95.941	4.160	199.440	95.935									
75%	Vmin	5.718	199.367	95.832	5.718	199.380	95.827									
100%	Vmin	7.302	199.363	95.613	7.300	199.447	95.612									
10%	Vnom	0.732	340.833	95.172	0.732	340.833	95.171									
20%	Vnom	1.648	340.560	96.818	1.648	340.567	96.813									
30%	Vnom	2.443	340.340	97.134	2.442	340.350	97.131									
50%	Vnom	4.133	339.767	97.220	4.134	339.787	97.224									
75%	Vnom	5.690	339.267	97.127	5.691	339.287	97.122									
100%	Vnom	7.265	338.770	96.940	7.266	338.790	96.940									
10%	Vmax	0.727	481.037	93.158	0.727	481.030	93.152									
20%	Vmax	1.642	480.877	95.957	1.642	480.887	95.960									
30%	Vmax	2.438	480.720	96.451	2.438	480.733	96.449									
50%	Vmax	4.158	480.330	96.795	4.159	480.340	96.796									
75%	Vmax	5.677	480.023	96.751	5.679	480.007	96.757									
100%	Vmax	7.257	479.707	96.596	7.256	479.697	96.598									