Manufacturer: ABB

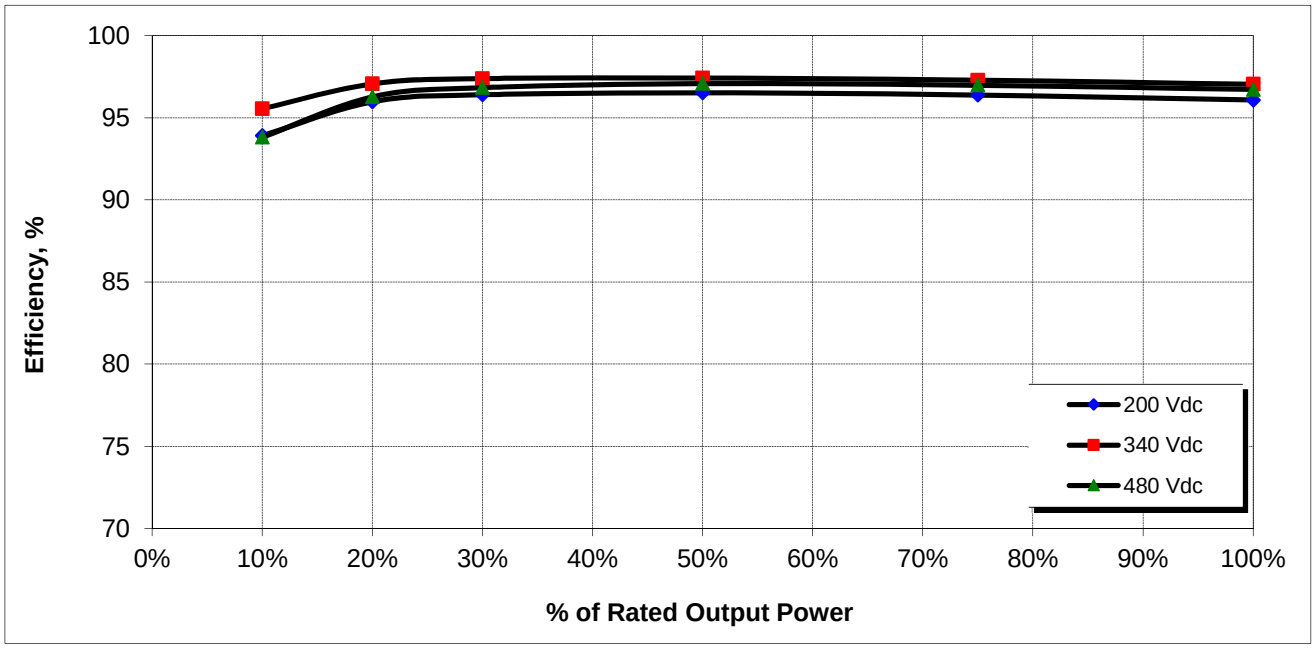
Model #: UNO-7.6-TL-OUTD-S-US-A(208)

Rated Maximum Continuous Output Power @25°C: 7.6 kW Night Tare Loss: -1.3 W
Rated Maximum Continuous Output Power @40°C: 7.6 kW Night Tare Loss: -1.3 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	93.9	96.0	96.4	96.5	96.4	96.1	96.3
Vnom	340	95.6	97.1	97.4	97.4	97.3	97.0	97.2
Vmax	480	93.8	96.3	96.8	97.1	97.0	96.7	96.8

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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	751	200	93.91	751	200	93.90	751	200	93.91	752	200	93.92	751	200	93.91
20%	Vmin	1657	200	95.98	1657	200	95.98	1657	200	95.98	1657	200	95.98	1657	200	95.98
30%	Vmin	2458	200	96.41	2458	200	96.41	2458	200	96.41	2458	200	96.40	2457	200	96.41
50%	Vmin	4165	200	96.52	4166	200	96.52	4165	200	96.52	4165	200	96.52	4166	200	96.53
75%	Vmin	5325	200	96.40	5325	200	96.39	5325	200	96.39	5325	200	96.40	5324	200	96.39
100%	Vmin	7232	200	96.08	7232	200	96.08	7232	200	96.08	7232	200	96.08	7231	200	96.08
10%	Vnom	748	340	95.56	748	340	95.55	747	340	95.55	748	340	95.55	748	340	95.55
20%	Vnom	1663	340	97.07	1662	340	97.07	1663	340	97.07	1663	340	97.07	1663	340	97.07
30%	Vnom	2457	340	97.39	2457	340	97.39	2457	340	97.39	2457	340	97.39	2457	339	97.39
50%	Vnom	4164	339	97.43	4165	339	97.42	4164	339	97.42	4164	339	97.42	4164	339	97.43
75%	Vnom	5328	339	97.29	5328	339	97.30	5328	339	97.29	5328	339	97.29	5328	339	97.30
100%	Vnom	7227	338	97.05	7227	338	97.05	7227	338	97.05	7227	338	97.05	7227	338	97.05
10%	Vmax	753	480	93.82	753	480	93.81	752	480	93.82	752	480	93.82	752	480	93.82
20%	Vmax	1662	480	96.28	1662	480	96.28	1661	480	96.28	1662	480	96.28	1662	480	96.28
30%	Vmax	2456	480	96.84	2455	480	96.84	2455	480	96.84	2456	480	96.84	2455	480	96.84
50%	Vmax	4166	479	97.08	4167	479	97.08	4166	479	97.08	4166	479	97.08	4167	479	97.09
75%	Vmax	5328	479	96.99	5328	479	97.00	5328	479	96.99	5329	479	96.99	5328	479	96.98
100%	Vmax	7227	479	96.73	7228	479	96.72	7228	479	96.72	7227	479	96.73	7227	479	96.73

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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	751	200	93.91	751	200	93.91									
20%	Vmin	1657	200	95.98	1657	200	95.98									
30%	Vmin	2457	200	96.40	2457	200	96.40									
50%	Vmin	4165	200	96.52	4165	200	96.52									
75%	Vmin	5325	200	96.40	5324	200	96.40									
100%	Vmin	7231	200	96.08	7232	200	96.09									
10%	Vnom	748	340	95.55	748	340	95.55									
20%	Vnom	1663	340	97.07	1663	340	97.07									
30%	Vnom	2457	340	97.39	2457	339	97.39									
50%	Vnom	4164	339	97.42	4164	339	97.42									
75%	Vnom	5329	339	97.32	5329	339	97.31									
100%	Vnom	7227	338	97.05	7227	338	97.04									
10%	Vmax	752	480	93.82	753	480	93.82									
20%	Vmax	1661	480	96.28	1662	480	96.28									
30%	Vmax	2456	480	96.84	2455	480	96.83									
50%	Vmax	4166	479	97.08	4166	479	97.09									
75%	Vmax	5328	479	96.98	5328	479	96.98									
100%	Vmax	7227	479	96.73	7227	479	96.72									