Manufacturer: Xantrex Technology, Inc.

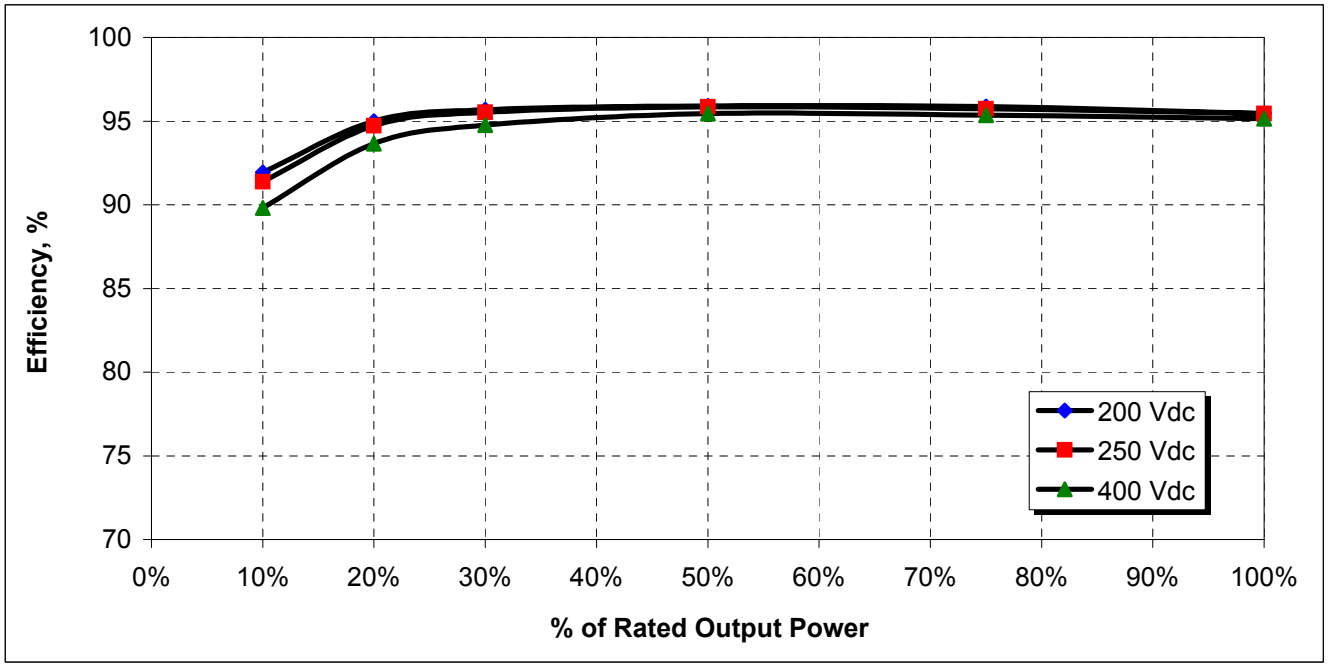
Model #: GT3.3N 240/208 - 240Vac

Rated Maximum Continuous Output Power @25°C: 3.300 kW Night Tare Loss: 1.52 W
Rated Maximum Continuous Output Power @40°C: 3.300 kW Night Tare Loss: 1.52 W

Vmin: 200 Vdc Vnom: 250 Vdc Vmax: 400 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.33	0.66	0.99	1.65	2.48	3.30	Wtd
Vmin	200	91.9	95.0	95.7	95.9	95.9	95.5	95.6
Vnom	250	91.4	94.7	95.5	95.9	95.7	95.4	95.5
Vmax	400	89.8	93.6	94.8	95.4	95.3	95.2	95.0

CEC Efficiency = 95.5%



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)	(%)	(W)	(Vdc)	(%)
10%	Vmin	326.733	200.92	91.926	326.68	200.92	91.920	326.66	200.92	91.938	326.72	200.92	91.935	326.73	200.92	91.926
20%	Vmin	715.27	200.77	94.991	715.26	200.77	94.992	717.69	200.71	94.988	719.29	200.6	94.996	718.71	200.44	94.994
30%	Vmin	1058.67	200.64	95.687	1058.7	200.64	95.687	1058.6	200.64	95.685	1058.7	200.64	95.686	1058.8	200.64	95.689
50%	Vmin	1810	200.45	95.913	1809.9	200.45	95.912	1810	200.45	95.912	1810.1	200.45	95.915	1810	200.44	95.915
75%	Vmin	2335.83	200.53	95.878	2335.8	200.53	95.878	2335.8	200.53	95.879	2335.8	200.53	95.878	2335.7	200.53	95.878
100%	Vmin	3153.7	200.72	95.450	3141.2	200.72	95.458	3141.3	200.72	95.456	3141.2	200.72	95.452	3141.1	200.72	95.460
10%	Vnom	326.813	250.07	91.368	326.82	250.07	91.397	326.79	250.06	91.366	326.82	250.06	91.391	326.74	250.07	91.378
20%	Vnom	715.3	249.85	94.733	715.48	249.91	94.737	715.45	249.94	94.731	715.42	249.95	94.727	715.41	249.94	94.734
30%	Vnom	1054.7	250.03	95.522	1054.8	250.03	95.522	1054.7	250.03	95.522	1054.8	250.03	95.522	1054.8	250.03	95.522
50%	Vnom	1811.03	250.01	95.851	1810.9	250	95.851	1811	250	95.850	1811	250	95.852	1811.1	250	95.851
75%	Vnom	2336.43	249.34	95.745	2336.7	249.86	95.740	2337.3	250.05	95.747	2337.1	250.05	95.744	2337.1	250.05	95.743
100%	Vnom	3161.2	249.97	95.440	3161.2	250.17	95.440	3161.2	250.17	95.445	3161.3	250.17	95.444	3161.4	250.17	95.448
10%	Vmax	323.07	400.05	89.820	322.93	400.05	89.817	323.26	400.06	89.819	323.03	400.06	89.818	323.16	400.06	89.821
20%	Vmax	711.717	400.08	93.640	711.79	400.08	93.642	712.03	400.08	93.646	711.83	400.08	93.646	711.83	400.08	93.650
30%	Vmax	1049.03	400.01	94.771	1049.2	400.01	94.770	1049.1	400.01	94.770	1049.2	400.01	94.771	1049.2	400.01	94.769
50%	Vmax	1800.9	400.06	95.440	1794.7	400.06	95.435	1801	400.05	95.445	1800.8	400.06	95.446	1800.9	400.05	95.447
75%	Vmax	2389.4	400.06	95.329	2337.4	400.07	95.342	2328.2	400.07	95.348	2328.4	400.07	95.345	2328.3	400.07	95.348
100%	Vmax	3345.5	399.57	95.148	3344.5	399.57	95.148	3344.7	399.58	95.152	3344.8	399.57	95.154	3344.8	399.57	95.151

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	326.747	200.92	91.939	326.74	200.92	91.928									
20%	Vmin	718.927	200.47	95.002	718.93	200.47	95.010									
30%	Vmin	1058.63	200.64	95.681	1058.7	200.64	95.680									
50%	Vmin	1810.07	200.45	95.915	1810.1	200.45	95.913									
75%	Vmin	2335.67	200.53	95.878	2335.7	200.52	95.879									
100%	Vmin	3141.1	200.71	95.450	3141.1	200.72	95.457									
10%	Vnom	326.76	250.07	91.375	326.86	250.07	91.382									
20%	Vnom	715.42	249.94	94.733	715.48	249.95	94.731									
30%	Vnom	1054.87	250.03	95.522	1054.9	250.03	95.522									
50%	Vnom	1811.07	250	95.853	1811.1	250	95.852									
75%	Vnom	2337.2	250.05	95.747	2337.1	250.05	95.743									
100%	Vnom	3161.4	250.17	95.442	3161.4	250.17	95.440									
10%	Vmax	322.637	400.06	89.810	322.97	400.06	89.814									
20%	Vmax	712.123	400.08	93.650	712.02	400.08	93.646									
30%	Vmax	1049.5	400.01	94.770	1049.2	400.01	94.770									
50%	Vmax	1800.93	400.05	95.444	1801	400.05	95.446									
75%	Vmax	2328.4	400.07	95.346	2328.5	400.07	95.353									
100%	Vmax	3344.77	399.57	95.159	3344.5	399.57	95.152									