Manufacturer: Xantrex Technology Inc.

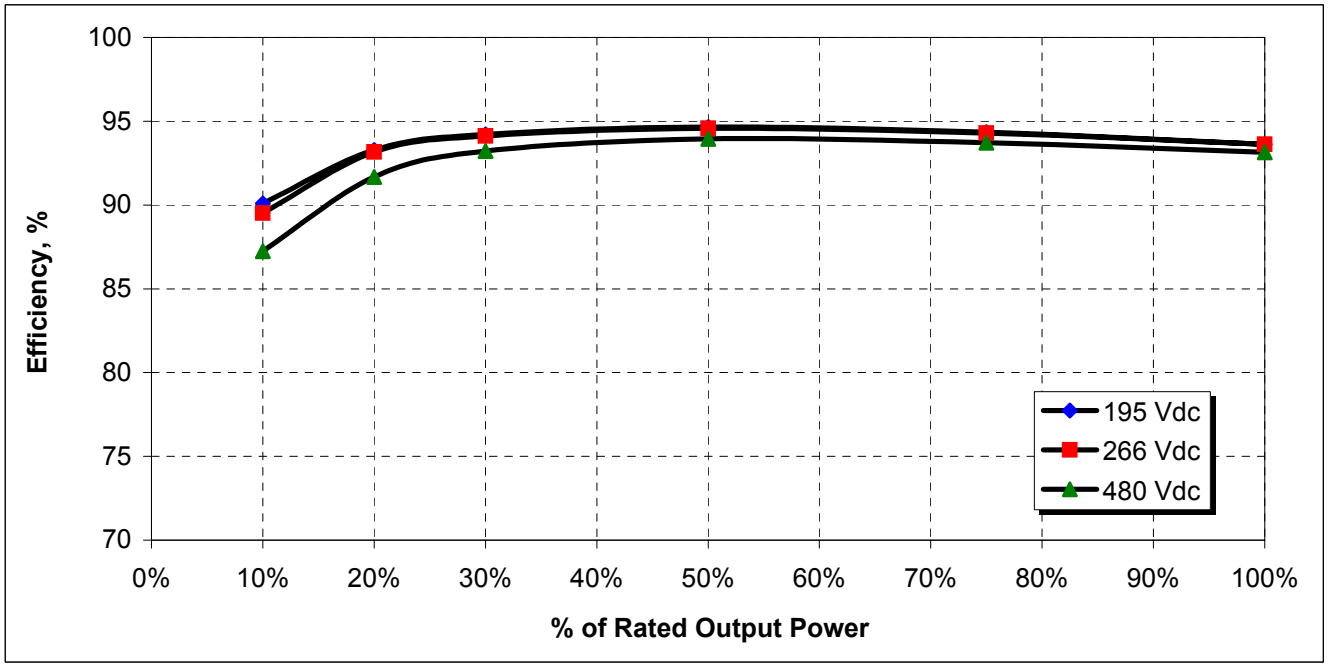
Model #: GT 3.3- NA-DS-208

Rated Maximum Continuous Output Power @25°C: 3.300 kW Night Tare Loss: 1.0 W
Rated Maximum Continuous Output Power @40°C: 3.300 kW Night Tare Loss: 1.0 W

Vmin: 195 Vdc Vnom: 266 Vdc Vmax: 480 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	195	90.1	93.3	94.2	94.6	94.3	93.6	94.1
Vnom	266	89.5	93.2	94.1	94.6	94.3	93.6	94.1
Vmax	480	87.2	91.7	93.2	93.9	93.7	93.1	93.3

CEC Efficiency = 94.0%



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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	326.83	195.15	90.08	325.83	195.18	90.09	327.17	195.15	90.13	327.50	195.12	90.10	326.00	195.20	90.10
20%	Vmin	655.33	195.28	93.29	655.00	195.28	93.26	655.17	195.28	93.28	655.17	195.25	93.31	654.83	195.25	93.28
30%	Vmin	977.83	195.22	94.19	985.17	195.12	94.23	981.33	195.15	94.21	980.17	195.18	94.22	981.67	195.15	94.19
50%	Vmin	1640.50	195.45	94.65	1638.50	195.48	94.63	1638.83	195.47	94.65	1638.33	195.48	94.64	1638.67	195.47	94.65
75%	Vmin	2457.67	195.27	94.34	2457.67	195.28	94.35	2456.83	195.28	94.34	2457.17	195.28	94.34	2456.00	195.30	94.33
100%	Vmin	3317.50	195.32	93.63	3317.17	195.33	93.62	3319.17	195.30	93.62	3318.83	195.30	93.62	3316.50	195.33	93.62
10%	Vnom	329.50	266.20	89.58	329.17	266.20	89.49	328.83	266.20	89.48	328.83	266.20	89.48	329.00	266.20	89.48
20%	Vnom	654.00	266.00	93.162	654.00	266.00	93.162	653.83	266.00	93.161	653.83	266.00	93.161	654.00	266.00	93.162
30%	Vnom	980.70	266.12	94.13	982.70	266.08	94.11	979.00	266.13	94.10	980.50	266.12	94.14	984.20	266.08	94.13
50%	Vnom	1640.17	266.30	94.58	1639.17	266.30	94.576	1639.00	266.30	94.576	1640.67	266.30	94.581	1640.00	266.30	94.588
75%	Vnom	2451.80	266.43	94.30	2450.70	266.45	94.29	2450.30	266.45	94.30	2452.80	266.43	94.30	2449.50	266.48	94.30
100%	Vnom	3339.00	265.88	93.63	3338.33	265.87	93.62	3337.67	265.88	93.61	3335.50	265.88	93.62	3338.33	265.88	93.61
10%	Vmax	315.17	479.92	87.26	314.50	479.97	87.32	313.67	480.00	87.25	313.67	479.98	87.21	314.33	479.98	87.19
20%	Vmax	648.67	480.10	91.68	649.00	480.10	91.73	648.00	480.10	91.65	648.33	480.10	91.66	648.83	480.10	91.66
30%	Vmax	979.00	480.20	93.24	980.70	480.20	93.22	979.50	480.20	93.20	979.50	480.20	93.24	978.20	480.20	93.22
50%	Vmax	1635.80	480.10	93.94	1637.00	480.10	93.95	1636.80	480.10	93.93	1636.80	480.10	93.94	1634.50	480.10	93.94
75%	Vmax	2468.00	480.13	93.70	2467.80	480.13	93.70	2466.50	480.15	93.72	2469.20	480.12	93.72	2468.50	480.15	93.73
100%	Vmax	3299.50	480.62	93.15	3301.83	480.60	93.14	3300.83	480.60	93.16	3302.00	480.60	93.15	3302.83	480.60	93.14

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	327.17	195.15	90.09	326.00	195.18	90.06									
20%	Vmin	655.83	195.27	93.27	654.17	195.28	93.25									
30%	Vmin	982.67	195.15	94.20	979.17	195.22	94.23									
50%	Vmin	1638.50	195.48	94.66	1641.00	195.43	94.65									
75%	Vmin	2457.33	195.28	94.35	2457.33	195.28	94.34									
100%	Vmin	3319.00	195.30	93.60	3318.50	195.30	93.59									
10%	Vnom	329.17	266.20	89.49	328.83	266.20	89.56									
20%	Vnom	653.67	266.00	93.159	653.67	266.00	93.159									
30%	Vnom	979.70	266.12	94.11	983.20	266.08	94.14									
50%	Vnom	1639.17	266.30	94.576	1640.00	266.30	94.597									
75%	Vnom	2447.20	266.47	94.28	2449.00	266.45	94.30									
100%	Vnom	3340.67	265.85	93.64	3337.83	265.87	93.64									
10%	Vmax	313.83	480.00	87.22	314.17	479.97	87.27									
20%	Vmax	649.17	480.10	91.69	648.83	480.10	91.71									
30%	Vmax	978.20	480.20	93.19	979.30	480.20	93.23									
50%	Vmax	1636.20	480.10	93.94	1636.70	480.10	93.95									
75%	Vmax	2467.70	480.15	93.72	2468.30	480.15	93.72									
100%	Vmax	3303.33	480.58	93.15	3303.33	480.58	93.13									