

Manufacturer: Xantrex Technologies, Inc.

Model #: SW4024 + GTI Module

Rated Maximum Continuous Output Power: 3297 kW

Night Tare Loss: 27.7 W

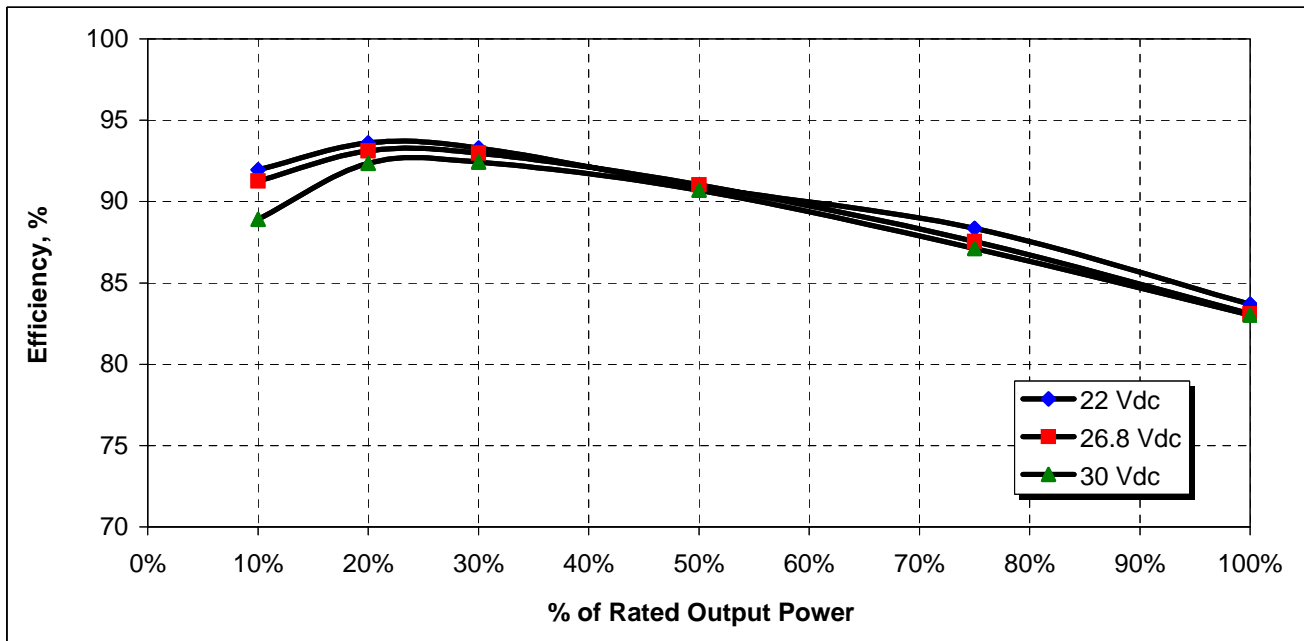
Vmin: 22 Vdc

Vnom: 26.8 Vdc

Vmax: 30 Vdc

Input Voltage (Vdc)	Power Level (%; kW)						Wtd
	10%	20%	30%	50%	75%	100%	
Vmin 22	329.70	659.40	989.10	1648.50	2472.75	3297.00	89.7
Vnom 26.8	92.0	93.6	93.3	90.9	88.4	83.7	89.7
Vmax 30	91.3	93.1	93.0	91.0	87.5	83.1	89.1
	88.9	92.3	92.4	90.7	87.1	83.0	88.6

CEC Efficiency = 89.0%



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	355.4	22.14	92.000	354.3	22.14	92.000	353.3	22.14	92.000	353	22.14	91.900	353	22.14	91.900
20%	Vmin	722.4	22.2	93.600	730.4	22.2	93.600	736.7	22.2	93.600	742	22.21	93.600	752.6	22.21	93.600
30%	Vmin	988.8	22.22	93.300	983.5	22.2	93.300	983	22.2	93.300	975.4	22.21	93.300	969	22.21	93.300
50%	Vmin	1679.9	22.13	91.000	1680.1	22.13	91.000	1680.2	22.13	90.900	1678.9	22.13	90.900	1678.6	22.13	90.900
75%	Vmin	2496.7	22.16	88.200	2492.4	22.16	88.300	2489.5	22.15	88.400	2486.5	22.14	88.400	2483.5	22.13	88.500
100%	Vmin	3315.5	22.24	83.700	3320.3	22.23	83.700	3321	22.24	83.700	3324.6	22.24	83.700	3325.7	22.23	83.700
10%	Vnom	363	26.8	91.300	363.9	26.8	91.300	362	26.8	91.300	357.5	26.8	91.200	354.4	26.8	91.200
20%	Vnom	694.3	26.73	93.200	696.9	26.74	93.100	698.4	26.74	93.100	698.3	26.74	93.100	696.4	26.75	93.100
30%	Vnom	1029.3	26.67	93.000	1031	26.68	93.000	1032.2	26.69	93.000	1033.9	26.7	93.000	1036.4	26.71	92.900
50%	Vnom	1635.1	26.72	91.100	1635.9	26.72	91.000	1635.5	26.72	91.000	1634.9	26.72	91.000	1636.1	26.72	91.000
75%	Vnom	2458.6	26.96	87.600	2460.1	26.97	87.600	2460.9	26.98	87.500	2460.3	26.99	87.500	2460	27	87.500
100%	Vnom	3385.6	26.83	83.100	3388.4	26.82	83.100	3391.4	26.82	83.100	3392.2	26.82	83.100	3395.4	26.82	83.100
10%	Vmax	331.4	30.2	89.100	328.6	30.2	89.000	326.4	30.2	88.900	322.2	30.2	88.800	315.7	30.2	88.700
20%	Vmax	686.9	30.2	92.400	686.9	30.2	92.400	686.5	30.2	92.300	686.1	30.2	92.300	685.8	30.2	92.300
30%	Vmax	1057.3	30.64	92.400	1055.9	30.62	92.400	1054	30.6	92.400	1051	30.58	92.400	1048.3	30.57	92.500
50%	Vmax	1676.9	30.23	90.700	1678.5	30.22	90.700	1679.6	30.22	90.700	1680.4	30.21	90.710	1684.1	30.19	90.710
75%	Vmax	2409.4	30.93	87.000	2410.9	30.93	87.200	2414.6	30.92	87.200	2416.2	30.93	87.100	2417.6	30.93	87.100
100%	Vmax	3397.1	30.78	83.000	3395.3	30.72	83.000	3393.5	30.66	83.000	3393.3	30.59	83.000	3392.7	30.52	83.100

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	352.9	22.14	91.800	352.3	22.14	91.800	348.9	22.14	91.800	346.7	22.14	91.800	347.8	22.15	91.900
20%	Vmin	765	22.21	93.600	779.7	22.21	93.600	794.4	22.21	93.500	811	22.21	93.500	830.3	22.21	93.500
30%	Vmin	962	22.2	93.300	955.6	22.19	93.300	951.3	22.19	93.300	948	22.18	93.300	977.4	22.17	93.300
50%	Vmin	1678.2	22.13	90.800	1678.3	22.13	90.800	1679.4	22.13	90.700	1680.7	22.13	90.600	1681.3	22.13	90.600
75%	Vmin	2481	22.13	88.500	2475.4	22.11	88.600	2469.9	22.1	88.600	2465.3	22.09	88.600	2452.1	22.1	88.700
100%	Vmin	3320.6	24.68	83.800	3312.5	22.22	83.800	3303.4	22.22	83.900	3292.1	22.21	84.000	3277.7	22.21	84.100
10%	Vnom	350.8	26.8	91.100	347.3	26.8	91.000	346.4	26.8	90.900	346.4	26.8	90.900	346.8	26.78	91.100
20%	Vnom	692.6	26.75	93.100	689.7	26.76	93.000	685.2	26.76	93.000	680.1	26.77	93.000	720.8	26.72	93.000
30%	Vnom	1043.9	26.72	92.900	1047.4	26.72	92.880	1047.8	26.72	92.900	1048	26.72	92.900	1046.8	26.71	92.900
50%	Vnom	1636.6	26.72	91.000	1636.4	26.72	91.000	1635.8	26.73	91.000	1634	26.73	91.000	1641.7	26.71	91.000
75%	Vnom	2462.3	27.01	87.500	2464	27.02	87.500	2465.3	27.03	87.500	2465.4	27.04	87.500	2464.4	27.04	87.500
100%	Vnom	3400.8	26.82	83.100	3408.8	26.81	83.000	3417.4	26.81	83.000	3424.4	26.81	82.980	3400.2	26.81	83.100
10%	Vmax	308.9	30.2	88.500	302.1	30.21	88.300	294.9	30.21	88.000	287.7	30.22	87.800	335.2	30.2	88.900
20%	Vmax	685.3	30.2	92.300	684.3	30.2	92.300	683.1	30.2	92.300	681.8	30.21	92.200	690.7	30.21	92.300
30%	Vmax	1050.1	30.54	92.500	1053.5	30.51	92.500	1054.8	30.5	92.400	1055.2	30.49	92.400	1055.2	30.49	92.400
50%	Vmax	1684.8	30.2	90.720	1685.9	30.18	90.700	1688.3	30.17	90.700	1687.9	30.16	90.700	1689.3	30.15	90.800
75%	Vmax	2420.1	30.93	87.000	2421.5	30.93	86.900	2422.1	30.93	86.900	2423.4	30.93	86.840	2425.4	30.93	86.800
100%	Vmax	3391.5	30.46	83.100	3389.5	30.4	83.100	3385.5	30.34	83.170	3383.2	30.3	83.200	3378.5	30.27	83.200