Manufacturer: Xantrex Technologies, Inc.

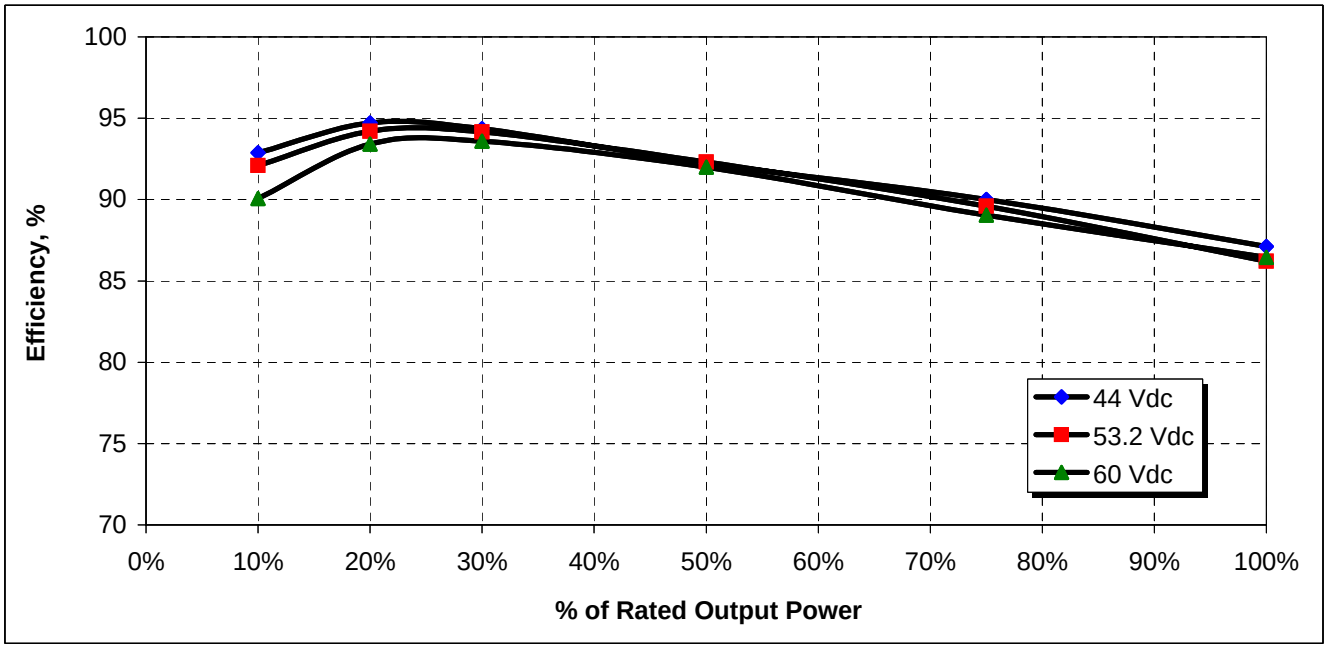
Model #: SW5548 + GTI Module

Rated Maximum Continuous Output Power: 4264.5 kW Night Tare Loss: 34.1 W

Vmin: 44 Vdc Vnom: 53.2 Vdc Vmax: 60 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		426.45	852.90	1279.35	2132.25	3198.38	4264.50	Wtd
Vmin	44	92.9	94.7	94.4	92.2	90.0	87.1	91.2
Vnom	53.2	92.1	94.2	94.2	92.3	89.6	86.2	90.9
Vmax	60	90.1	93.4	93.6	92.0	89.0	86.4	90.3

CEC Efficiency = 91.0%



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	425.5	44.44	92.900	426.2	44.45	92.900	427.6	44.45	92.900	427	44.45	92.900	424.4	44.45	92.800
20%	Vmin	922.31	44.37	94.700	925.7	44.37	94.700	929.7	44.36	94.700	932.7	44.36	94.700	937.1	44.36	94.700
30%	Vmin	1261.2	44.46	94.300	1251.3	44.46	94.300	1240.6	44.46	94.400	1234.2	44.46	94.400	1233.3	44.46	94.400
50%	Vmin	2166	44.5	92.300	2160.4	44.46	92.200	2153.1	44.46	92.200	2149.1	44.45	92.200	2143.7	44.44	92.200
75%	Vmin	3281.1	44.3	90.000	3282.5	44.31	90.000	3285.4	44.31	90.000	3288.4	44.31	90.000	3288.4	44.32	90.000
100%	Vmin	4223.9	44.2	87.000	4200.3	44.17	87.100	4177.6	44.14	87.100	4160.3	44.13	87.200	4141	44.12	87.200
10%	Vnom	459.4	53.52	92.100	463.3	53.51	92.100	464.7	53.51	92.100	464.3	53.51	92.100	464	53.51	92.100
20%	Vnom	905.7	53.52	94.200	905.5	53.52	94.200	905.2	53.52	94.200	904.2	53.52	94.200	904.2	53.52	94.200
30%	Vnom	1218.5	53.52	94.100	1215.9	53.49	94.100	1216.5	53.46	94.200	1221.2	53.44	94.200	1224	53.42	94.200
50%	Vnom	2190	53.47	92.300	2191.3	53.47	92.300	2191.2	53.46	92.300	2190.1	53.46	92.300	2188.5	53.46	92.300
75%	Vnom	3233.4	53.44	89.600	3229.8	53.44	89.600	3226.5	53.44	89.600	3225.7	53.44	89.600	3225.6	53.44	89.600
100%	Vnom	53.39	4347.9	86.200	4344.8	53.4	86.200	4343.6	53.4	86.200	4339.5	53.4	86.200	4332.4	53.41	86.200
10%	Vmax	436.2	60.64	90.100	436.6	60.64	90.100	435.8	60.62	90.100	433.6	60.62	90.000	432.7	60.62	90.000
20%	Vmax	920.1	60.29	93.400	921.1	60.28	93.400	920.7	60.28	93.400	921.6	60.28	93.400	921.8	60.27	93.400
30%	Vmax	1276.8	60.3	93.600	1276.8	60.29	93.600	1277.1	60.29	93.600	1277.6	60.28	93.600	1278.1	60.28	93.500
50%	Vmax	2209.3	60.32	92.100	2216.4	60.32	92.000	22.21.9	60.31	92.000	2225.2	60.3	92.000	22.30.1	60.3	91.900
75%	Vmax	3226.8	60.46	89.100	60.44	3228.5	89.100	3229.1	60.42	89.000	3230.3	60.42	89.000	3229.8	60.41	89.000
100%	Vmax	4450.2	60.52	86.400	4446.4	60.53	86.400	4440.1	60.53	86.400	4436.7	60.54	86.500	4430.9	60.56	86.500

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	447.2	44.42	93.100												
20%	Vmin	933.8	44.4	94.700												
30%	Vmin	1275.1	44.45	94.300												
50%	Vmin	2196.6	44.42	92.100												
75%	Vmin	3283.9	44.29	90.000												
100%	Vmin	4119.3	44.11	87.300	4088.7	44.08	87.300									
10%	Vnom	447.2	53.57	91.800												
20%	Vnom	903.7	53.52	94.200												
30%	Vnom	1200.4	53.48	94.100												
50%	Vnom	2188.9	53.46	92.300												
75%	Vnom	3222.9	53.43	89.600	3199	53.5	89.600									
100%	Vnom	4324.2	43.42	86.200	4319.2	53.43	86.200									
10%	Vmax	438.9	60.6	90.100												
20%	Vmax	691.5	45.21	93.400												
30%	Vmax	1273.7	60.27	93.500												
50%	Vmax	2233.7	60.29	91.900												
75%	Vmax	3228.9	60.41	89.000	3272.3	60.38	88.900									
100%	Vmax	4425	60.57	86.500	4440.3	60.65	86.500									