Manufacturer: Xantrex Technologies

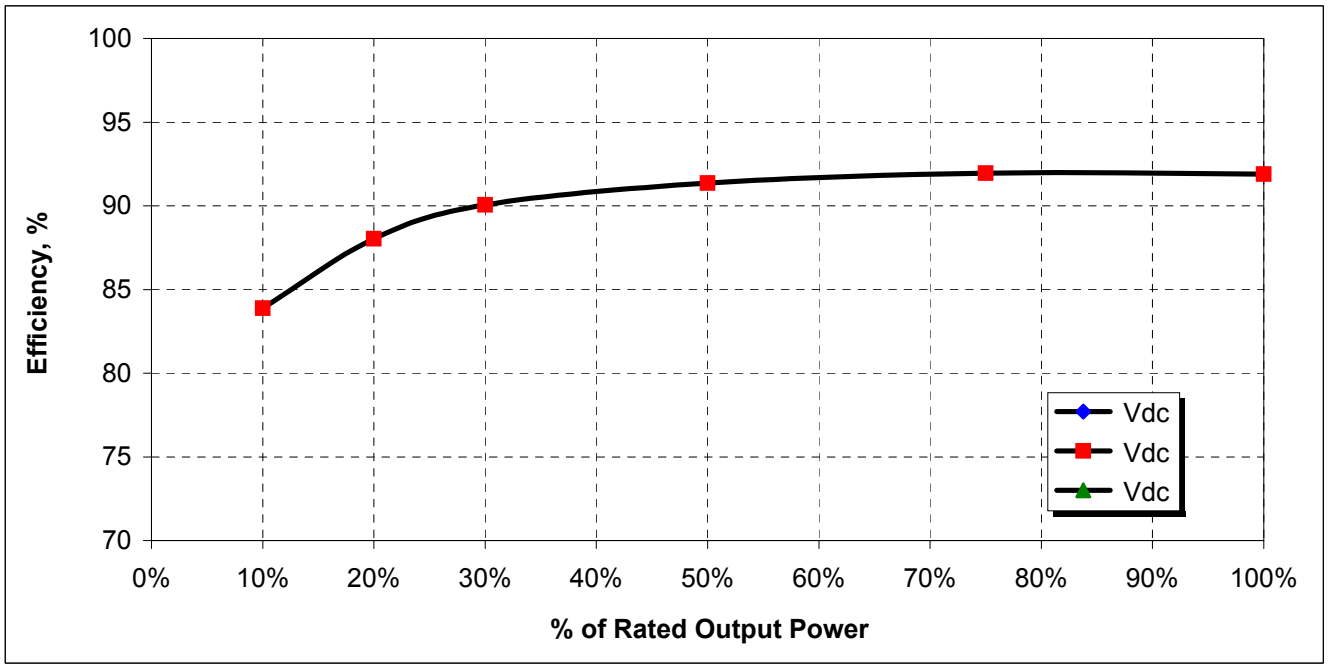
Model #: Bergey BWT-10240

Rated Maximum Continuous Output Power: 10.15 kW Night Tare Loss: 24.30 W

Vmin: N/A Vac Vnom: 70-130 Vac Vmax: N/A Vac

	Power Level (%; kW)						
	10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)	1.01	2.03	3.04	5.07	7.61	10.15	Wtd
Vmin							
Vnom	83.9	88.0	90.1	91.4	91.9	91.9	91.1
Vmax							

CEC Efficiency = 91%



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)	(Vac)	(%)	(kW)	(Vac)	(%)	(kW)	(Vac)	(%)	(kW)	(Vac)	(%)	(W)	(Vac)	(%)
10%	Vmin															
20%	Vmin															
30%	Vmin															
50%	Vmin															
75%	Vmin															
100%	Vmin															
10%	Vnom	1.0965	69.33	85.260	1.0987	69.31	84.120	1.0865	69.24	83.120	1.0914	69.33	84.600	1.0666	69.3	82.610
20%	Vnom	2.022	81.59	88.410	1.984	81.63	87.010	2.011	81.69	88.120	2.006	81.7	87.670	2.009	81.73	88.070
30%	Vnom	3.051	86.86	89.680	3.081	86.87	90.210	3.073	86.88	89.980	3.064	86.81	90.110	3.07	86.82	90.130
50%	Vnom	5.021	104.42	91.250	5.018	104.43	91.130	5.032	104.46	91.370	5.036	104.47	91.490	5.002	104.37	91.160
75%	Vnom	7.671	122.12	92.020	7.663	121.99	91.770	7.649	121.99	91.800	7.672	121.94	91.860	7.689	122.05	92.050
100%	Vnom	10.28	130.25	91.740	10.326	130.58	91.840	10.328	130.63	91.850	10.363	130.58	91.980	10.354	130.58	92.090
10%	Vmax															
20%	Vmax															
30%	Vmax															
50%	Vmax															
75%	Vmax															
100%	Vmax															

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)	(Vac)	(%)	(W)	(Vac)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin															
20%	Vmin															
30%	Vmin															
50%	Vmin															
75%	Vmin															
100%	Vmin															
10%	Vnom	1.0899	69.25	83.640	1.0942	69.26	83.780									
20%	Vnom	2.017	81.67	88.380	2.019	81.71	88.550									
30%	Vnom	3.079	86.84	90.240	3.074	86.89	90.090									
50%	Vnom	5.033	104.37	91.570	5.032	104.36	91.500									
75%	Vnom	7.693	122.07	92.030	7.678	122.13	92.070									
100%	Vnom	10.326	130.37	91.900	10.306	130.39	91.890									
10%	Vmax															
20%	Vmax															
30%	Vmax															
50%	Vmax															
75%	Vmax															
100%	Vmax															