Applicant: TABUCHI ELECTRIC CO., LTD.

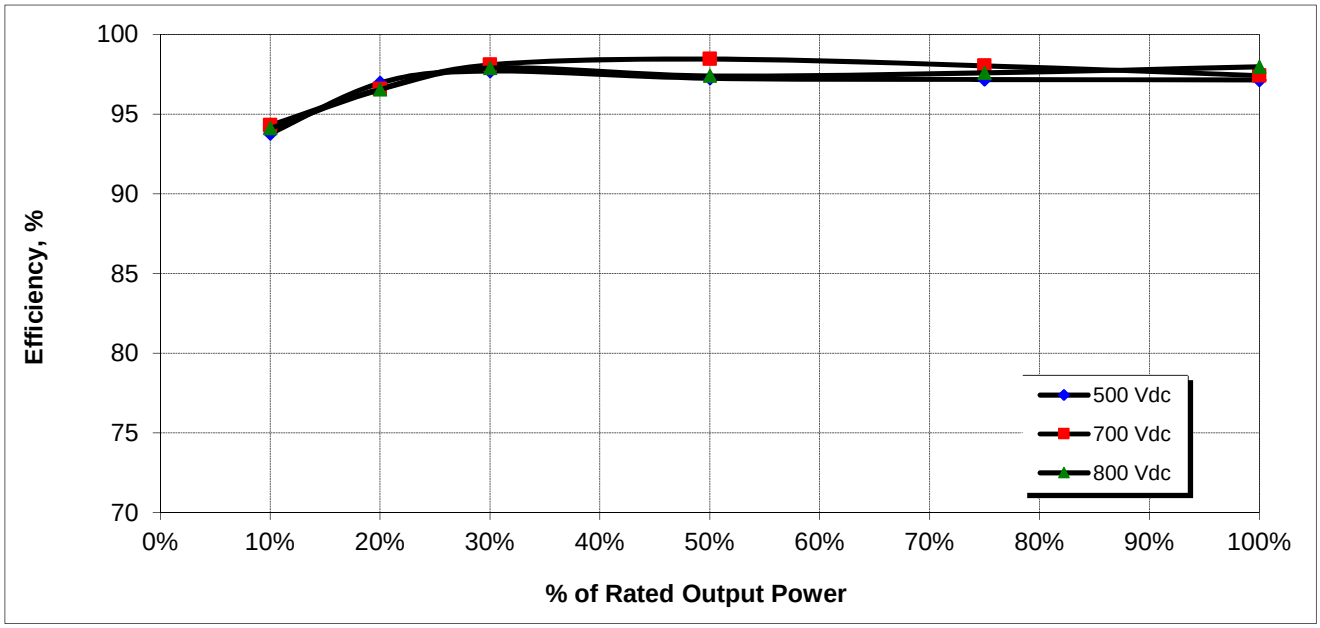
Model #: EPW-T250P6-US

Rated Maximum Continuous Output Power: 24.132 kW Night Tare Loss: 7.1274 W

Vmin: 500 Vdc Vnom: 700 Vdc Vmax: 800 Vdc

Input Voltage (Vdc)		Power Level (%; kW) 10%	20%	30%	50%	75%	100%	Wtd
Vmin	500	93.8	96.9	97.7	97.2	97.2	97.1	97.1
Vnom	700	94.3	96.6	98.1	98.5	98.0	97.4	97.9
Vmax	800	94.1	96.5	97.9	97.4	97.6	98.0	97.4

CEC Efficiency = 97.5%



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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	2234.4	474.31	93.575	2257.5	481.92	93.588	2244.3	475.27	93.673	2253.3	475.3	94.031	2243.5	474.3	94.024
20%	Vmin	5140.3	494.75	96.736	5149.4	493.28	97.043	5086.1	487.26	97.040	5149.4	493.93	96.874	5055.5	483.99	97.044
30%	Vmin	7759.9	491.28	97.813	7628.9	482.33	97.888	7762.3	492.36	97.723	7793.4	495.14	97.506	7800.3	495.09	97.557
50%	Vmin	13174	484.82	96.451	13658	494.52	98.321	13279	486.53	96.930	13144	490.9	97.519	13467	493.5	97.003
75%	Vmin	18283	494.13	97.237	18094	494.52	97.180	18094	493.55	97.204	18100	494.71	97.262	18058	494.8	96.963
100%	Vmin	222651	488.01	97.451	22666	495.53	97.093	22766	493.93	97.304	22832	494.27	96.988	22810	495.09	96.853
10%	Vnom	2288.3	595.05	94.484	2286.5	595.05	94.410	2285	596.02	94.236	2235.6	586.56	94.338	2237.3	592.97	94.017
20%	Vnom	5161.2	664.78	98.278	5165.7	665.49	96.269	5191.4	669.15	96.297	5136.5	661.48	96.057	5145.5	662.78	96.002
30%	Vnom	7940.2	670.54	98.176	7987.7	675.07	98.144	8155.6	692.97	98.117	8158.8	693.77	98.012	8158.8	693.89	98.000
50%	Vnom	12685	676.37	98.511	12668	676.42	98.427	12669	677.01	98.413	12723	678.59	98.565	12630	674.82	98.346
75%	Vnom	18066	694.04	97.950	18069	694.36	98.068	18079	693.97	98.017	17976	694.27	97.997	18088	694.07	98.113
100%	Vnom	23259	703.86	96.724	23359	704.23	97.220	23274	696.28	97.660	23260	704.34	98.312	23178	703.36	97.166
10%	Vmax	2622	736.49	93.832	2581.8	724.75	94.338	2527.3	711.8	94.162	2657.5	745.68	93.855	2674.8	746.05	94.304
20%	Vmax	4590.7	719.78	96.554	4627.9	719.31	96.545	4649.3	718.62	96.665	4697.3	724.58	96.515	4703.9	725.94	96.389
30%	Vmax	7548.6	752.34	97.977	7539.7	753.45	97.555	7615.4	761.21	97.555	7452.6	743.63	98.360	7563.5	755.64	97.976
50%	Vmax	12580	790.9	97.185	12625	796.37	97.117	12399	767.46	97.845	12426	772	97.543	12392	771.85	97.286
75%	Vmax	17910	779.21	97.800	18163	800.06	97.628	18163	800.07	97.344	18112	791.44	97.491	17874	772.19	97.629
100%	Vmax	23250	793.23	97.980	23168	792.75	97.685	23270	798.03	97.641	23400	798.54	98.108	23322	793.37	98.414

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															
20%	Vmin															
30%	Vmin															
50%	Vmin															
75%	Vmin															
100%	Vmin															
10%	Vnom															
20%	Vnom															
30%	Vnom															
50%	Vnom															
75%	Vnom															
100%	Vnom															
10%	Vmax															
20%	Vmax															
30%	Vmax															
50%	Vmax															
75%	Vmax															
100%	Vmax															