Manufacturer: SolarEdge Technologies Ltd

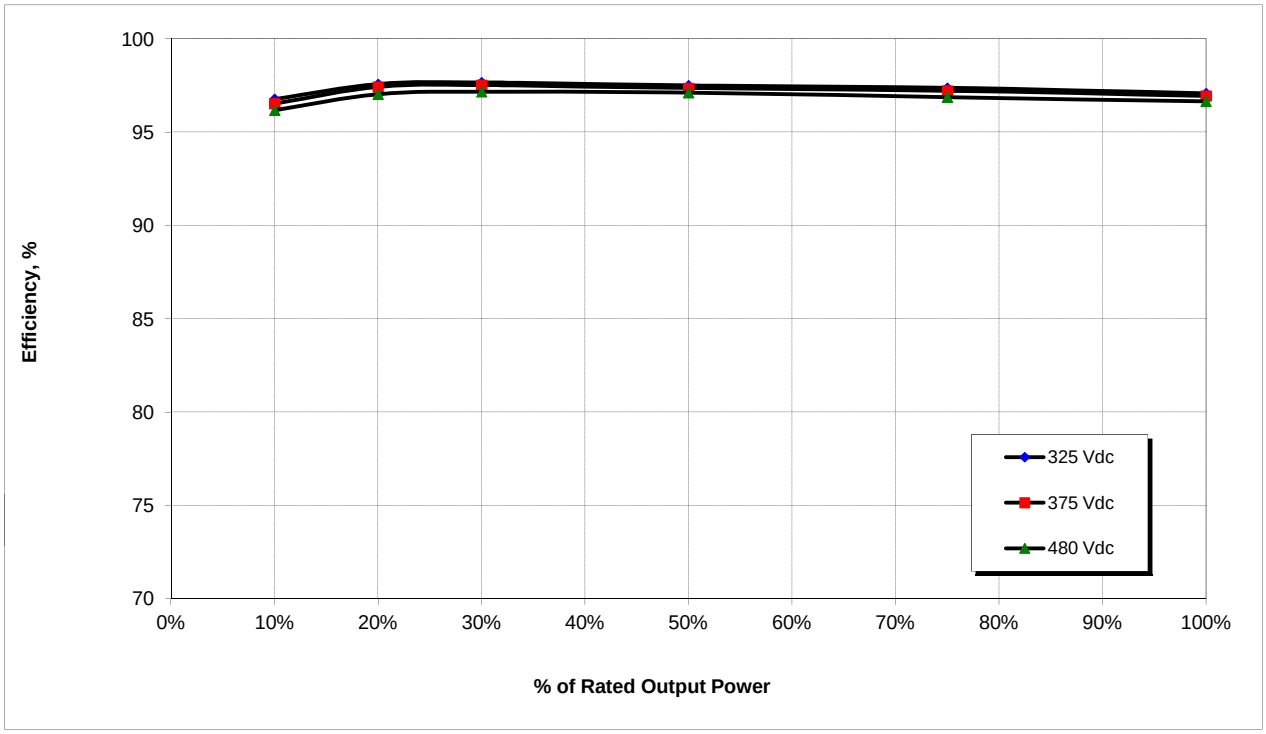
Model #: SE10000-US @208Vac

Rated Maximum Continuous Output Power: 9.930 kW Night Tare Loss: -5.75 W

Vmin: 325 Vdc Vnom: 375 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.99	1.99	2.98	4.97	7.45	9.93	Wtd
Vmin	325	96.8	97.6	97.7	97.5	97.4	97.1	97.4
Vnom	375	96.5	97.4	97.5	97.4	97.2	96.9	97.3
Vmax	480	96.2	97.0	97.2	97.1	96.9	96.7	96.9

CEC Efficiency = 97.0%



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)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	0.93	326.66	96.760	0.93	326.63	96.770	0.93	326.61	96.770	0.93	326.61	96.760	0.93	326.61	96.770
20%	Vmin	2.14	326.85	97.580	2.14	326.87	97.580	2.14	326.87	97.580	2.14	326.86	97.570	2.14	326.93	97.580
30%	Vmin	3.2	326.75	97.660	3.2	326.79	97.660	3.2	326.69	97.660	3.2	326.69	97.660	3.2	326.72	97.660
50%	Vmin	5.44	326.68	97.500	5.43	326.71	97.500	5.43	326.95	97.500	5.44	326.97	97.500	5.44	326.92	97.500
75%	Vmin	7.08	326.85	97.370	7.08	326.85	97.370	7.08	326.84	97.370	7.08	326.82	97.370	7.08	326.77	97.370
100%	Vmin	9.55	327.06	97.080	9.55	327.13	97.080	9.55	327.3	97.080	9.54	327.31	97.070	9.54	327.25	97.080
10%	Vnom	0.93	376.4	96.530	0.93	376.38	96.530	0.93	376.34	96.550	0.93	376.49	96.540	0.93	376.39	96.520
20%	Vnom	2.14	376.27	97.430	2.14	376.23	97.430	2.14	376.8	97.420	2.14	376.81	97.430	2.14	376.82	97.420
30%	Vnom	3.2	376.78	97.520	3.2	376.84	97.520	3.2	376.85	97.520	3.2	376.81	97.520	3.19	376.81	97.520
50%	Vnom	5.43	376.73	97.360	5.43	376.74	97.360	5.43	376.68	97.360	5.43	376.68	97.360	5.43	376.76	97.360
75%	Vnom	7.08	376.66	97.220	7.08	376.71	97.220	7.08	376.68	97.220	7.08	376.69	97.220	7.08	376.77	97.220
100%	Vnom	9.54	376.8	96.940	9.54	376.86	96.940	9.54	376.82	96.950	9.54	376.85	96.940	9.54	377.13	96.950
10%	Vmax	0.93	480.9	96.180	0.93	480.85	96.180	0.93	480.89	96.190	0.93	480.86	96.160	0.93	480.88	96.180
20%	Vmax	2.14	481.37	97.030	2.14	481.36	97.030	2.14	481.41	97.030	2.14	481.36	97.040	2.14	481.32	97.040
30%	Vmax	3.19	481.2	97.160	3.19	481.17	97.160	3.19	481.22	97.170	3.19	481.2	97.170	3.19	481.16	97.160
50%	Vmax	5.42	481.48	97.120	5.42	481.52	97.120	5.42	481.45	97.120	5.42	481.5	97.120	5.42	481.46	97.120
75%	Vmax	7.06	481.39	96.870	7.06	481.34	96.870	7.06	481.44	96.880	7.06	481.43	96.880	7.06	481.5	96.870
100%	Vmax	9.51	481.34	96.660	9.51	481.36	96.660	9.51	481.45	96.660	9.51	481.3	96.660	9.51	481.34	96.650

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															