Manufacturer: SolarEdge Technologies Ltd

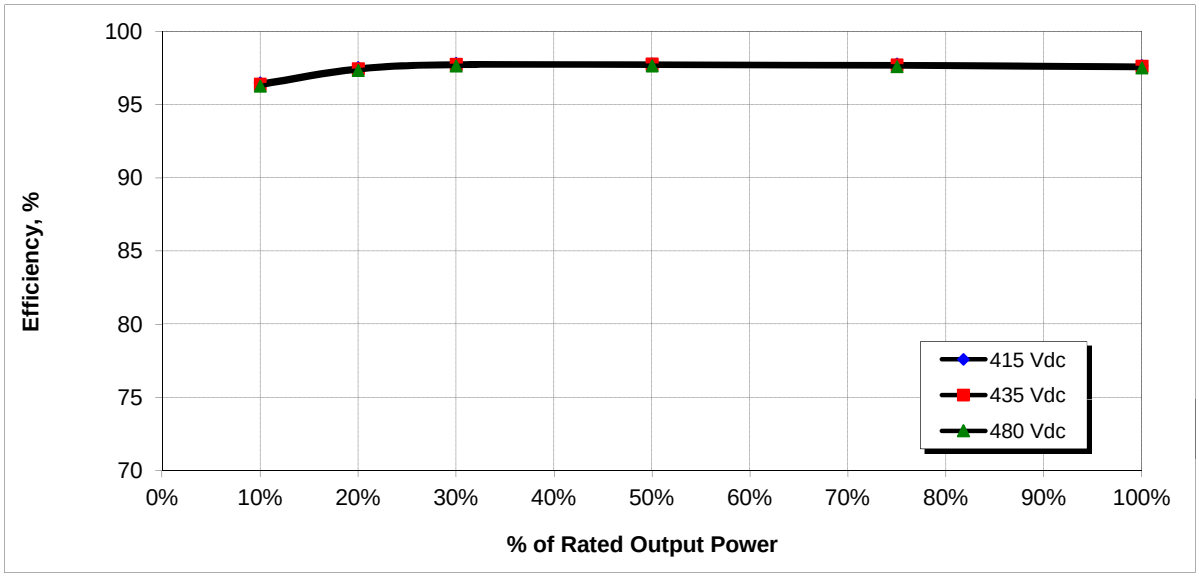
Model #: SE10000-US @277Vac

Rated Maximum Continuous Output Power: 9.950 kW Night Tare Loss: -6.03 W

Vmin: 415 Vdc Vnom: 435 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		1.00	1.99	2.99	4.98	7.46	9.95	Wtd
Vmin	415	96.5	97.5	97.8	97.8	97.8	97.7	97.7
Vnom	435	96.4	97.5	97.8	97.8	97.7	97.6	97.7
Vmax	480	96.3	97.4	97.6	97.7	97.6	97.5	97.5

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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	0.93	416.78	96.500	0.93	416.78	96.500	0.93	416.72	96.500	0.93	416.79	96.480	0.93	416.77	96.500
20%	Vmin	2.15	416.64	97.540	2.15	416.62	97.530	2.15	416.6	97.540	2.15	416.57	97.530	2.15	416.62	97.530
30%	Vmin	3.21	416.49	97.820	3.21	416.5	97.820	3.2	416.5	97.820	3.2	416.56	97.820	3.2	416.55	97.820
50%	Vmin	5.46	416.47	97.780	5.46	416.43	97.780	5.46	416.58	97.780	5.46	416.79	97.780	5.46	416.72	97.780
75%	Vmin	7.12	416.7	97.780	7.12	416.68	97.780	7.12	416.68	97.780	7.12	416.66	97.780	7.12	416.66	97.780
100%	Vmin	9.61	416.57	97.670	9.61	416.48	97.670	9.61	416.59	97.670	9.61	416.55	97.670	9.61	416.53	97.670
10%	Vnom	0.93	436.54	96.400	0.93	436.46	96.410	0.93	436.47	96.400	0.93	436.44	96.390	0.93	436.59	96.400
20%	Vnom	2.15	436.53	97.470	2.15	436.59	97.460	2.15	436.55	97.460	2.15	436.53	97.480	2.15	436.58	97.470
30%	Vnom	3.2	436.41	97.770	3.2	436.4	97.770	3.2	436.47	97.770	3.2	436.5	97.760	3.2	436.54	97.770
50%	Vnom	5.46	436.32	97.780	5.46	436.38	97.780	5.46	436.53	97.770	5.46	436.72	97.780	5.46	436.7	97.780
75%	Vnom	7.12	436.56	97.730	7.12	436.54	97.720	7.12	436.55	97.730	7.12	436.53	97.720	7.12	436.6	97.730
100%	Vnom	9.61	436.51	97.630	9.61	436.49	97.630	9.61	436.48	97.630	9.61	436.54	97.630	9.61	436.52	97.630
10%	Vmax	0.93	481.43	96.310	0.93	481.2	96.270	0.93	481.22	96.270	0.93	481.21	96.280	0.93	481.19	96.290
20%	Vmax	2.15	481.43	97.350	2.15	481.53	97.350	2.15	481.44	97.350	2.15	481.47	97.350	2.15	481.42	97.350
30%	Vmax	3.2	481.41	97.650	3.2	481.4	97.650	3.2	481.37	97.640	3.2	481.41	97.650	3.2	481.46	97.650
50%	Vmax	5.45	481.55	97.660	5.46	481.34	97.660	5.45	481.24	97.660	5.46	481.21	97.660	5.45	481.17	97.660
75%	Vmax	7.11	481.47	97.610	7.11	481.49	97.600	7.11	481.37	97.600	7.11	481.48	97.600	7.11	481.44	97.600
100%	Vmax	9.59	481.39	97.510	9.59	481.44	97.510	9.59	481.19	97.510	9.59	481.16	97.510	9.59	481.17	97.510

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															