

Manufacturer: SolarEdge Technology

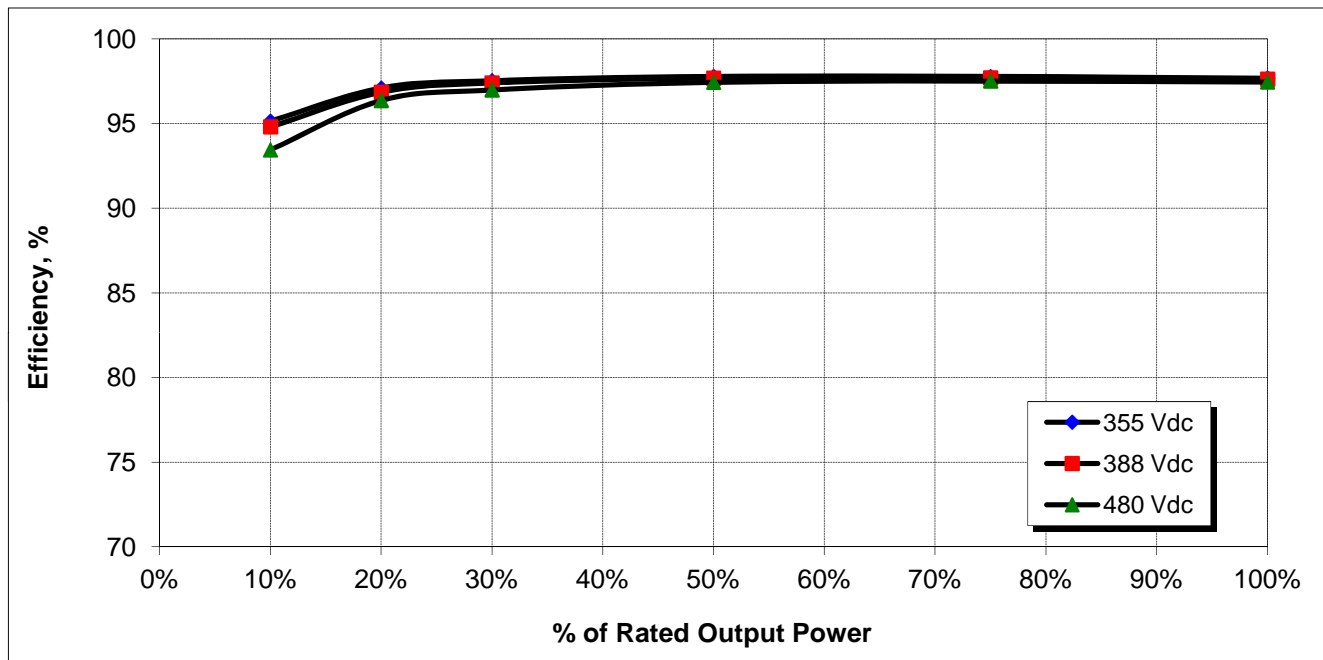
Model #: SE3000

Rated Maximum Continuous Output Power: 3.01 kW      Night Tare Loss: -3.39 W

Vmin: 355 Vdc      Vnom: 388 Vdc      Vmax: 480 Vdc

Input Voltage (Vdc)		Power Level (%; kW)						Wtd
		10%	20%	30%	50%	75%	100%	
Vmin	355	95.1	97.1	97.5	97.8	97.8	97.7	97.6
Vnom	388	94.8	96.8	97.4	97.7	97.7	97.6	97.5
Vmax	480	93.4	96.4	97.0	97.4	97.5	97.5	97.2

**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)	(%)	(W)	(Vdc)	(%)
10%	Vmin	0.2832	354.26	95.147	0.283	354.27	95.140	0.284	354.25	95.148	0.283	354.27	95.145	0.282	354.28	95.118
20%	Vmin	0.6134	354.31	97.088	0.614	354.31	97.086	0.614	354.3	97.094	0.614	354.3	97.097	0.615	354.29	97.087
30%	Vmin	0.9188	354.34	97.524	0.919	354.33	97.526	0.918	354.33	97.525	0.918	354.35	97.519	0.917	354.36	97.521
50%	Vmin	1.516	354.31	97.780	1.518	354.31	97.773	1.516	354.33	97.776	1.516	354.32	97.779	1.516	354.32	97.782
75%	Vmin	2.282	354.33	97.778	2.284	354.3	97.776	2.282	354.33	97.776	2.283	354.34	97.773	2.285	354.32	97.774
100%	Vmin	3.004	354.38	97.678	3.004	354.38	97.678	3.004	354.38	97.678	3.004	354.38	97.678	3.005	354.38	97.674
10%	Vnom	0.2854	387.19	94.816	0.285	387.2	94.800	0.285	387.2	94.810	0.284	387.21	94.786	0.285	387.19	94.824
20%	Vnom	0.601	387.23	96.843	0.601	387.22	96.855	0.601	387.24	96.855	0.6	387.24	96.845	0.601	387.23	96.849
30%	Vnom	0.92	387.21	97.408	0.92	387.21	97.402	0.922	387.19	97.410	0.92	387.22	97.400	0.921	387.21	97.405
50%	Vnom	1.531	387.2	97.686	1.531	387.21	97.687	1.533	387.18	97.692	1.53	387.21	97.684	1.532	387.2	97.683
75%	Vnom	2.275	387.27	97.706	2.275	387.27	97.707	2.276	387.27	97.706	2.277	387.27	97.709	2.278	387.26	97.709
100%	Vnom	3.01	387.31	97.616	3.008	387.33	97.623	3.01	387.31	97.620	3.009	387.32	97.622	3.009	387.32	97.619
10%	Vmax	0.2747	479.11	93.455	0.273	479.09	93.420	0.274	479.09	93.438	0.276	479.08	93.464	0.275	479.09	93.444
20%	Vmax	0.6133	479.1	96.354	0.616	479.08	96.355	0.617	479.07	96.372	0.616	479.08	96.367	0.615	479.1	96.366
30%	Vmax	0.9075	479.11	96.996	0.908	479.11	96.989	0.907	479.12	96.982	0.907	479.13	96.984	0.907	479.11	96.985
50%	Vmax	1.531	479.14	97.439	1.533	479.13	97.440	1.533	479.14	97.439	1.533	479.13	97.446	1.533	479.13	97.439
75%	Vmax	2.32	479.1	97.512	2.321	479.09	97.519	2.322	479.1	97.522	2.323	479.1	97.517	2.323	479.1	97.515
100%	Vmax	3.008	479.13	97.462	3.007	479.13	97.460	3.007	479.13	97.463	3.008	479.13	97.460	3.009	479.11	97.464

[illegible]