Manufacturer: **Ingeteam Power Technology**

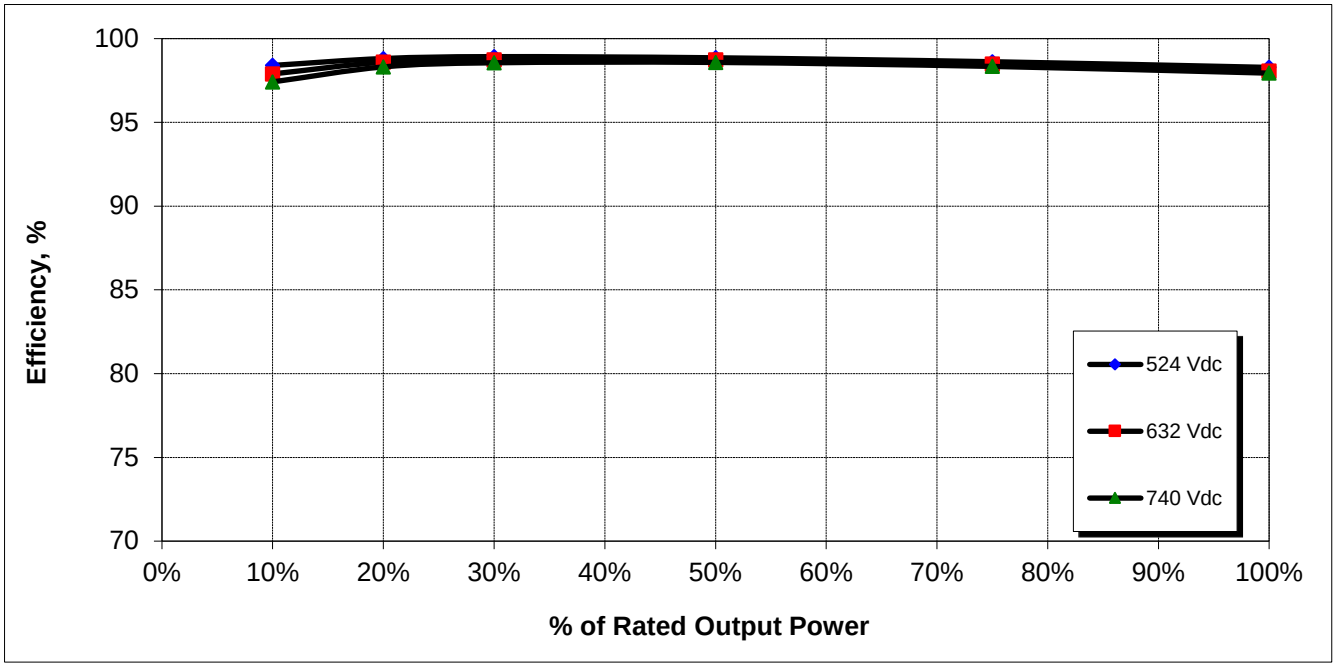
Model #: **Ingecon Sun 1000TL U B360 Indoor**

Rated Maximum Continuous Output Power: 1000 kW Night Tare Loss: < 80.0 W

Vmin: 524 Vdc Vnom: 632 Vdc Vmax: 740 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		100.00	200.00	300.00	500.00	750.00	1000.00	Wtd
Vmin	524	98.4	98.8	98.9	98.9	98.6	98.3	98.7
Vnom	632	97.9	98.6	98.7	98.7	98.5	98.1	98.5
Vmax	740	97.4	98.3	98.6	98.6	98.3	97.9	98.4

CEC Efficiency = 98.5%



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	99.136	528.875	98.465	99.125	528.859	98.408	99.125	528.895	98.371	99.101	529.075	98.381	99.093	528.808	98.375
20%	Vmin	214.981	527.867	98.809	214.987	527.867	98.809	214.993	528.175	98.813	214.947	527.974	98.795	214.951	528.176	98.835
30%	Vmin	323.386	527.793	98.939	323.400	527.709	98.941	323.394	527.693	98.923	323.376	527.781	98.905	323.397	527.742	98.915
50%	Vmin	457.875	527.534	98.839	457.832	527.828	98.855	457.842	527.441	98.831	457.923	527.590	98.870	458.012	527.381	98.886
75%	Vmin	706.531	526.044	98.610	706.654	526.202	98.634	706.649	526.516	98.635	706.498	526.000	98.612	706.491	526.366	98.615
100%	Vmin	952.293	524.464	98.278	952.426	524.815	98.273	952.355	524.341	98.276	952.516	524.718	98.293	952.546	524.654	98.289
10%	Vnom	99.161	636.757	97.853	99.151	636.333	97.899	99.159	636.397	97.843	99.178	636.905	97.967	99.207	636.835	97.904
20%	Vnom	215.061	636.552	98.588	215.052	636.034	98.564	215.073	636.021	98.610	215.035	635.793	98.608	215.048	635.991	98.568
30%	Vnom	323.503	635.974	98.728	323.476	636.143	98.715	323.460	635.815	98.726	323.414	635.910	98.721	323.420	635.914	98.729
50%	Vnom	457.991	635.863	98.740	457.928	635.798	98.729	457.917	635.729	98.718	457.881	635.982	98.723	457.879	635.445	98.701
75%	Vnom	706.535	634.189	98.492	706.284	634.462	98.457	706.487	634.226	98.473	706.495	633.841	98.499	706.603	634.333	98.513
100%	Vnom	951.310	633.323	98.035	951.670	633.093	98.083	951.208	632.595	98.038	951.494	633.332	98.064	951.788	633.162	98.092
10%	Vmax	99.099	744.064	97.333	99.113	743.832	97.417	99.106	743.672	97.471	99.112	743.579	97.430	99.119	743.566	97.433
20%	Vmax	214.991	743.118	98.299	214.978	743.390	98.355	215.003	743.982	98.335	215.012	743.922	98.329	214.980	743.458	98.241
30%	Vmax	323.538	743.405	98.570	323.483	743.771	98.544	323.518	743.313	98.552	323.502	743.342	98.564	323.502	743.633	98.555
50%	Vmax	458.040	748.503	98.567	458.051	748.939	98.569	458.003	748.715	98.567	458.091	748.925	98.592	458.091	748.844	98.598
75%	Vmax	706.417	741.966	98.339	706.500	741.983	98.345	706.505	742.327	98.339	706.425	741.837	98.327	706.500	741.834	98.356
100%	Vmax	951.758	741.292	97.981	951.320	741.207	97.941	951.116	740.965	97.916	951.293	741.324	97.930	951.322	741.195	97.923

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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(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															