Manufacturer: **Ingeteam Power Technology**

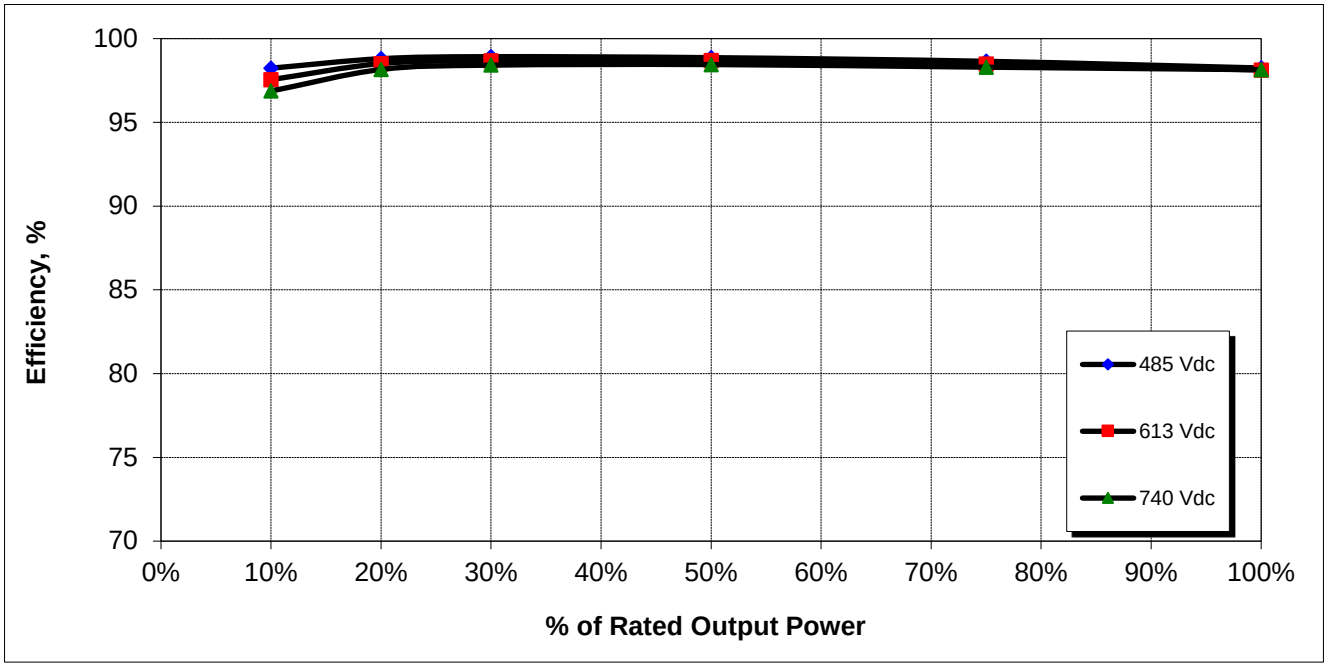
Model #: **Ingecon Sun 915TL U B330 Outdoor**

Rated Maximum Continuous Output Power: 915 kW Night Tare Loss: < 80.0 W

Vmin: 485 Vdc Vnom: 613 Vdc Vmax: 740 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		91.50	183.00	274.50	457.50	686.25	915.00	Wtd
Vmin	485	98.2	98.8	98.9	98.9	98.6	98.2	98.7
Vnom	613	97.6	98.5	98.7	98.7	98.5	98.1	98.5
Vmax	740	96.9	98.2	98.4	98.5	98.3	98.1	98.3

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	87.477	487.786	98.211	87.453	487.673	98.229	87.445	487.780	98.209	87.409	487.711	98.290	87.397	487.716	98.235
20%	Vmin	196.150	486.948	98.821	196.145	487.297	98.805	196.134	487.278	98.779	196.155	487.052	98.781	196.196	487.247	98.826
30%	Vmin	294.610	486.827	98.909	294.547	486.666	98.911	294.547	486.666	98.917	294.585	486.806	98.938	294.531	486.646	98.933
50%	Vmin	423.122	485.797	98.866	423.154	485.648	98.868	423.109	485.920	98.885	423.157	485.679	98.853	423.111	485.961	98.848
75%	Vmin	657.628	484.175	98.649	657.476	484.397	98.629	657.466	484.597	98.620	657.713	484.134	98.669	657.765	484.317	98.670
100%	Vmin	877.865	483.392	98.227	877.788	483.234	98.227	878.178	483.206	98.256	878.099	483.724	98.266	878.165	483.076	98.259
10%	Vnom	87.417	613.423	97.530	87.428	613.646	97.563	87.441	614.219	97.533	87.456	613.352	97.556	87.465	613.821	97.570
20%	Vnom	196.189	613.588	98.539	196.144	613.664	98.484	196.170	613.429	98.487	196.201	613.415	98.509	196.170	613.760	98.530
30%	Vnom	294.577	613.128	98.678	294.586	613.215	98.668	294.601	613.035	98.701	294.581	613.399	98.685	294.579	613.036	98.676
50%	Vnom	423.180	612.331	98.687	423.259	612.312	98.701	423.130	612.116	98.687	423.207	612.547	98.698	423.180	612.054	98.680
75%	Vnom	657.426	611.325	98.501	657.344	611.387	98.480	657.361	610.708	98.465	657.484	610.899	98.477	657.519	611.431	98.486
100%	Vnom	878.123	610.472	98.165	877.952	610.764	98.137	877.931	610.318	98.126	877.646	610.348	98.108	877.631	610.715	98.095
10%	Vmax	87.457	744.644	96.854	87.451	745.105	96.855	87.447	744.597	96.907	87.452	744.753	96.830	87.443	744.812	96.893
20%	Vmax	196.259	744.113	98.143	196.242	744.342	98.152	196.233	744.482	98.137	196.201	744.113	98.147	196.298	744.438	98.208
30%	Vmax	294.606	743.886	98.417	294.686	743.726	98.411	294.599	744.014	98.424	294.623	743.679	98.406	294.619	744.231	98.418
50%	Vmax	423.149	742.835	98.439	423.179	743.016	98.440	423.225	743.047	98.468	423.213	743.217	98.453	423.147	743.134	98.459
75%	Vmax	657.267	742.571	98.270	657.261	742.440	98.279	657.361	742.280	98.305	657.242	742.375	98.308	657.473	742.622	98.315
100%	Vmax	879.231	742.292	98.134	879.445	741.112	98.162	879.144	741.829	98.145	879.045	741.913	98.107	879.357	741.129	98.174

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															