Manufacturer: Renesola Zhejiang System Integration Ltd

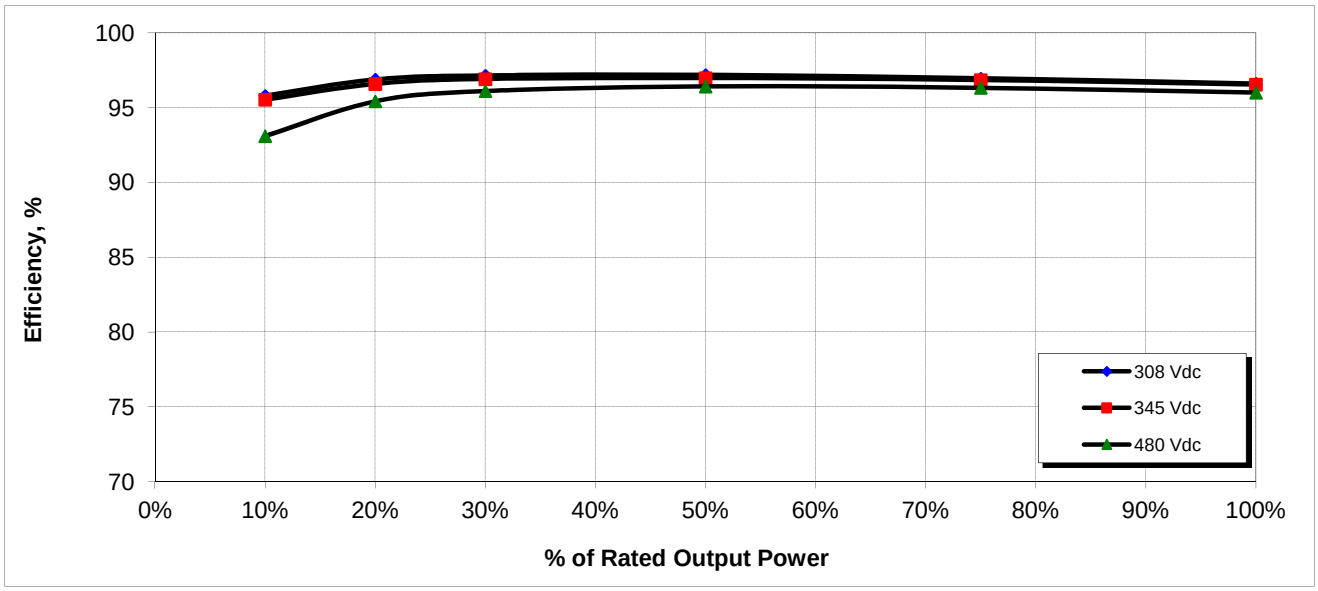
Model #: Replus 10000TLB-US Output Voltage: 208 Vac

Rated Maximum Continuous Output Power: 10087.50 W Night Tare Loss: 0.05 W

Vmin: 308 Vdc Vnom: 345 Vdc Vmax: 480 Vdc

		Power Level (%; W)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		1008.75	2017.50	3026.25	5043.75	7565.63	10087.50	Wtd
Vmin	308	95.8	96.9	97.1	97.2	97.0	96.6	97.0
Vnom	345	95.5	96.6	96.9	97.0	96.9	96.5	96.8
Vmax	480	93.1	95.4	96.1	96.4	96.3	96.0	96.1

CEC Efficiency = 96.5%



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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	936.40	308.67	95.80	939.40	308.66	95.80	938.27	308.66	95.80	938.92	308.66	95.80	940.65	308.65	95.80
20%	Vmin	1969.21	308.39	96.88	1966.37	308.39	96.88	1972.25	308.38	96.88	1970.20	308.38	96.88	1969.97	308.38	96.89
30%	Vmin	2992.52	308.25	97.15	2992.81	308.25	97.15	2992.95	308.24	97.15	2992.41	308.25	97.15	2989.22	308.23	97.15
50%	Vmin	5011.30	308.97	97.20	5012.34	308.96	97.19	5010.39	308.96	97.20	5014.81	308.94	97.19	5008.61	308.96	97.19
75%	Vmin	7465.75	307.15	96.93	7469.40	307.15	96.94	7469.13	307.15	96.94	7467.40	307.16	96.96	7466.31	307.16	97.04
100%	Vmin	10115.98	323.25	96.58	10116.95	323.23	96.64	10113.37	323.24	96.60	10117.97	323.22	96.59	10118.30	323.21	96.59
10%	Vnom	1049.23	345.77	95.54	1049.31	345.77	95.55	1047.11	345.77	95.54	1047.61	345.78	95.54	1048.50	345.78	95.55
20%	Vnom	2005.48	345.47	96.55	2005.49	345.47	96.56	2003.60	345.47	96.62	2003.10	345.47	96.62	2004.70	345.47	96.62
30%	Vnom	3041.89	345.31	96.89	3041.46	345.31	96.89	3040.55	345.31	96.92	3040.25	345.30	96.93	3040.40	345.31	96.94
50%	Vnom	5077.12	344.95	96.97	5073.90	344.95	96.96	5073.34	344.94	96.98	5075.09	344.95	96.99	5074.43	344.95	96.99
75%	Vnom	7597.01	343.89	96.76	7590.04	343.91	96.90	7595.12	343.91	96.87	7591.89	343.91	96.86	7591.85	343.91	96.87
100%	Vnom	10108.57	343.95	96.56	10101.98	343.96	96.54	10105.78	343.95	96.55	10103.92	343.97	96.56	10105.30	343.95	96.54
10%	Vmax	926.44	480.59	93.10	927.76	480.58	93.10	927.26	480.58	93.10	927.31	480.59	93.10	926.65	480.59	93.08
20%	Vmax	2004.44	480.18	95.43	2005.21	480.19	95.42	2003.64	480.19	95.41	2002.61	480.19	95.43	2004.21	480.20	95.42
30%	Vmax	3035.03	480.04	96.11	3028.13	480.05	96.11	3023.92	480.05	96.11	3031.49	480.05	96.11	3033.64	480.05	96.11
50%	Vmax	5075.56	479.77	96.42	5075.14	479.78	96.42	5074.52	479.78	96.42	5075.67	479.78	96.42	5073.07	479.78	96.42
75%	Vmax	7593.88	480.70	96.32	7594.84	480.70	96.40	7587.47	480.71	96.30	7593.61	480.71	96.28	7596.11	480.72	96.38
100%	Vmax	10041.38	480.38	96.00	10045.25	480.38	95.97	10044.70	480.39	96.02	10048.33	480.39	96.00	10054.88	480.38	96.02

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															