Manufacturer: Renesola Zhejiang System Integration Ltd

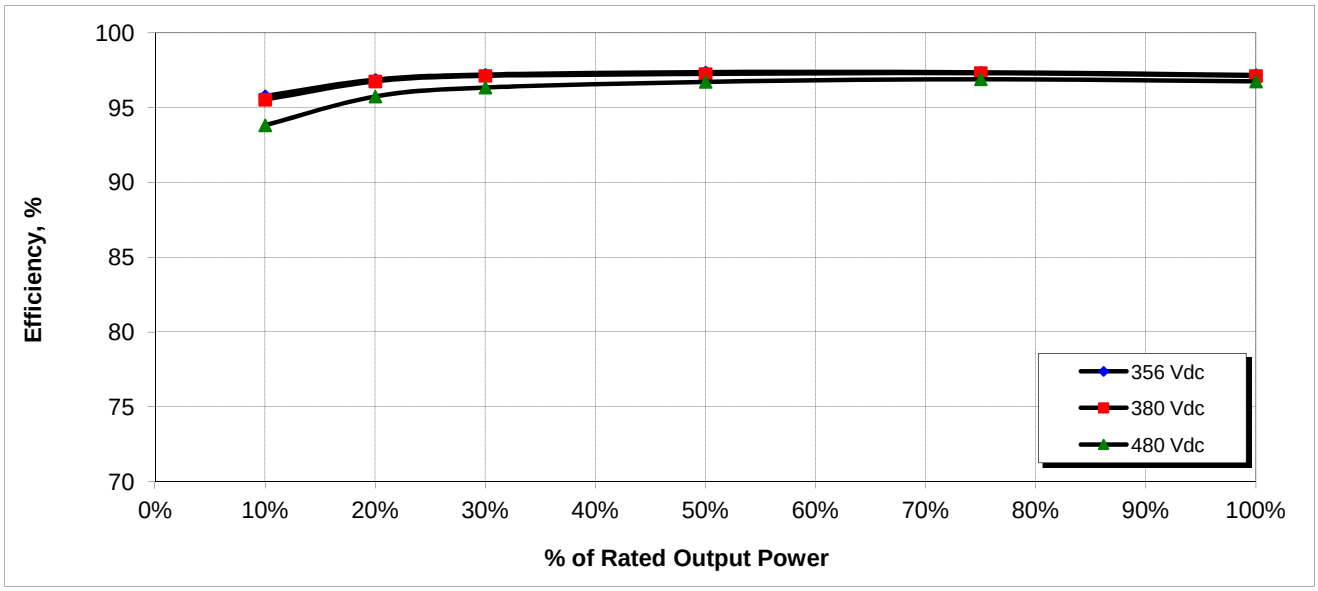
Model #: Replus 9000TLB-US Output Voltage: 240 Vac

Rated Maximum Continuous Output Power: 9079.85 W Night Tare Loss: 0.08 W

Vmin: 356 Vdc Vnom: 380 Vdc Vmax: 480 Vdc

		Power Level (%; W)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		907.99	1815.97	2723.96	4539.93	6809.89	9079.85	Wtd
Vmin	356	95.8	96.9	97.2	97.4	97.4	97.2	97.2
Vnom	380	95.5	96.8	97.1	97.3	97.3	97.1	97.2
Vmax	480	93.8	95.8	96.4	96.7	96.9	96.8	96.6

CEC Efficiency = 97.0%



Inverter Efficiency Data

Minimum of 5 samples required

Specified		Sample #1			Sample #2			Sample #3			Sample #4			Sample #5		
Output Power	Renesola Zhejiang System Integration Ltd	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)	plus 9000TLB-U	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	925.94	355.95	95.79	929.28	355.95	95.79	926.86	355.95	95.76	930.25	355.95	95.84	930.63	355.95	95.73
20%	Vmin	1813.27	355.57	96.84	1811.88	355.58	96.83	1815.25	355.57	96.88	1808.74	355.57	96.90	1811.23	355.57	96.90
30%	Vmin	2641.92	355.44	97.18	2640.33	355.43	97.18	2644.78	355.43	97.22	2641.26	355.43	97.22	2643.83	355.42	97.23
50%	Vmin	4492.87	355.15	97.37	4488.95	355.14	97.39	4489.64	355.15	97.36	4485.62	355.15	97.37	4488.83	355.15	97.35
75%	Vmin	6714.16	353.73	97.37	6716.99	353.71	97.37	6718.66	353.70	97.36	6712.14	353.72	97.35	6717.04	353.71	97.35
100%	Vmin	9012.70	355.25	97.19	9012.90	355.24	97.18	9014.45	355.22	97.18	9013.42	355.23	97.18	9012.37	355.22	97.18
10%	Vnom	956.01	379.93	95.55	954.25	379.93	95.51	953.24	379.94	95.52	954.83	379.92	95.60	955.82	379.92	95.50
20%	Vnom	1855.19	380.60	96.76	1857.65	380.60	96.77	1858.84	380.61	96.77	1863.58	380.60	96.77	1859.66	380.60	96.76
30%	Vnom	2703.66	380.49	97.14	2707.37	380.49	97.13	2702.82	380.49	97.13	2702.80	380.48	97.13	2703.55	380.48	97.13
50%	Vnom	4556.75	380.19	97.26	4558.45	380.18	97.26	4563.97	380.18	97.26	4556.28	380.19	97.26	4561.19	380.19	97.26
75%	Vnom	6836.85	379.87	97.32	6841.55	379.89	97.33	6836.58	379.88	97.32	6835.88	379.90	97.33	6832.95	379.91	97.30
100%	Vnom	9111.11	379.62	97.13	9104.79	379.63	97.12	9102.98	379.64	97.13	9100.70	379.64	97.13	9102.15	379.63	97.13
10%	Vmax	955.58	480.64	93.84	955.24	480.64	93.84	952.04	480.64	93.81	954.11	480.63	93.82	954.47	480.63	93.83
20%	Vmax	1850.65	480.27	95.74	1852.40	480.26	95.78	1856.05	480.26	95.75	1857.75	480.26	95.73	1854.22	480.26	95.77
30%	Vmax	2701.25	480.11	96.35	2700.67	480.11	96.35	2701.07	480.11	96.35	2703.25	480.12	96.35	2701.94	480.12	96.35
50%	Vmax	4563.07	480.86	96.73	4560.44	480.86	96.73	4557.84	480.86	96.72	4563.50	480.86	96.73	4563.28	480.86	96.73
75%	Vmax	6836.40	480.53	96.92	6836.21	480.52	96.91	6836.53	480.52	96.91	6833.49	480.53	96.91	6837.38	480.53	96.91
100%	Vmax	9030.01	480.40	96.77	9031.54	480.42	96.76	9033.13	480.42	96.76	9035.66	480.40	96.76	9021.72	480.43	96.76

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															