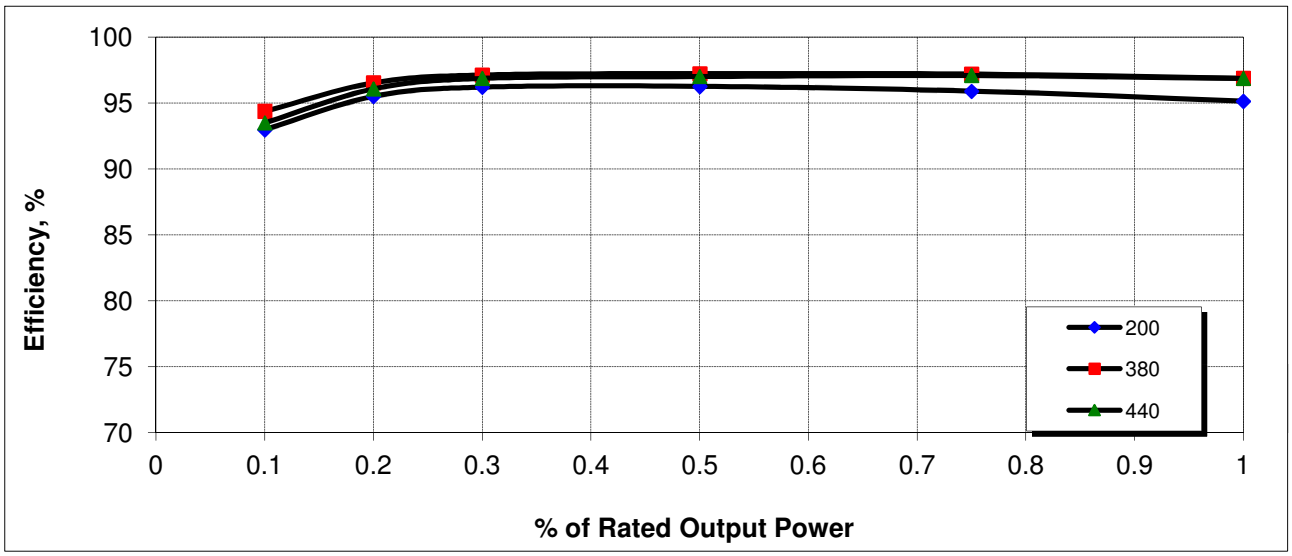
Manufacturer: Renovo Power Systems (Shanghai) Co., Ltd.
Model #: RN3000US

Rated Maximum Continuous Output Power: 3000.00 W Night Tare Loss: 0.05 W

Vmin: 200 Vdc Vnom: 380 Vdc Vmax: 440 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		300.00	600.00	900.00	1500.00	2250.00	3000.00	Wtd
Vmin	200	93.0	95.5	96.2	96.3	95.9	95.1	95.8
Vnom	380	94.4	96.5	97.1	97.2	97.2	96.9	97.0
Vmax	440	93.5	96.1	96.9	97.0	97.1	96.9	96.8

CEC Efficiency = 96.5%



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	294.261	201.385	92.995	294.258	201.391	92.986	294.256	201.393	92.973	294.254	201.395	92.988	294.256	201.396	92.982
20%	Vmin	607.609	201.363	95.498	607.604	201.372	95.497	607.6	201.375	95.503	607.597	201.375	95.500	607.595	201.376	95.504
30%	Vmin	918.969	201.798	96.203	918.964	201.802	96.203	918.962	201.805	96.201	918.96	201.806	96.197	918.958	201.805	96.202
50%	Vmin	1535.83	201.714	96.268	1535.83	201.713	96.261	1535.83	201.712	96.261	1535.84	201.709	96.260	1535.84	201.707	96.257
75%	Vmin	2290.95	202.076	95.897	2290.95	202.075	95.897	2290.95	202.076	95.896	2290.95	202.076	95.897	2290.95	202.077	95.897
100%	Vmin	3025.24	201.934	95.133	3025.24	201.935	95.134	3025.23	201.936	95.142	3025.23	201.937	95.136	3025.23	201.937	95.132
10%	Vnom	295.233	370.956	94.351	295.264	370.961	94.400	295.288	370.967	94.388	295.285	370.965	94.389	295.271	370.959	94.371
20%	Vnom	609.462	370.923	96.534	609.465	370.923	96.534	609.464	370.924	96.529	609.461	370.924	96.533	609.457	370.921	96.531
30%	Vnom	923.17	370.337	97.126	923.175	370.333	97.122	923.182	370.331	97.124	923.191	370.329	97.132	923.194	370.327	97.132
50%	Vnom	1549.37	371.761	97.227	1549.33	371.737	97.223	1549.32	371.727	97.225	1549.33	371.724	97.226	1549.38	371.729	97.241
75%	Vnom	2324.39	372.364	97.191	2324.41	372.36	97.191	2324.43	372.359	97.196	2324.45	372.362	97.205	2324.47	372.365	97.208
100%	Vnom	3086.89	372.668	96.871	3086.89	372.665	96.869	3086.89	372.662	96.868	3086.88	372.66	96.875	3086.88	372.657	96.880
10%	Vmax	291.601	437.195	93.504	291.595	437.197	93.513	291.593	437.2	93.495	291.593	437.203	93.496	291.595	437.206	93.485
20%	Vmax	607.051	437.325	96.080	607.058	437.325	96.075	607.068	437.325	96.081	607.08	437.326	96.089	607.088	437.327	96.086
30%	Vmax	922.597	437.54	96.879	922.598	437.538	96.878	922.6	437.536	96.878	922.602	437.535	96.881	922.607	437.533	96.871
50%	Vmax	1549.74	437.755	97.027	1549.74	437.756	97.019	1549.75	437.757	97.012	1549.75	437.758	97.011	1549.77	437.759	97.014
75%	Vmax	2327.09	437.687	97.105	2327.09	437.688	97.102	2327.09	437.689	97.097	2327.09	437.69	97.092	2327.09	437.692	97.090
100%	Vmax	3094.75	437.92	96.870	3094.75	437.917	96.870	3094.75	437.914	96.873	3094.73	437.911	96.879	3094.72	437.91	96.877

Specified		Sample #			Sample #			Sample #			Sample #			Sample #		
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															
50%	Vnom															
75%	Vnom															
100%	Vnom															
10%	Vmax															
20%	Vmax															
30%	Vmax															