Manufacturer: Agepower Limited

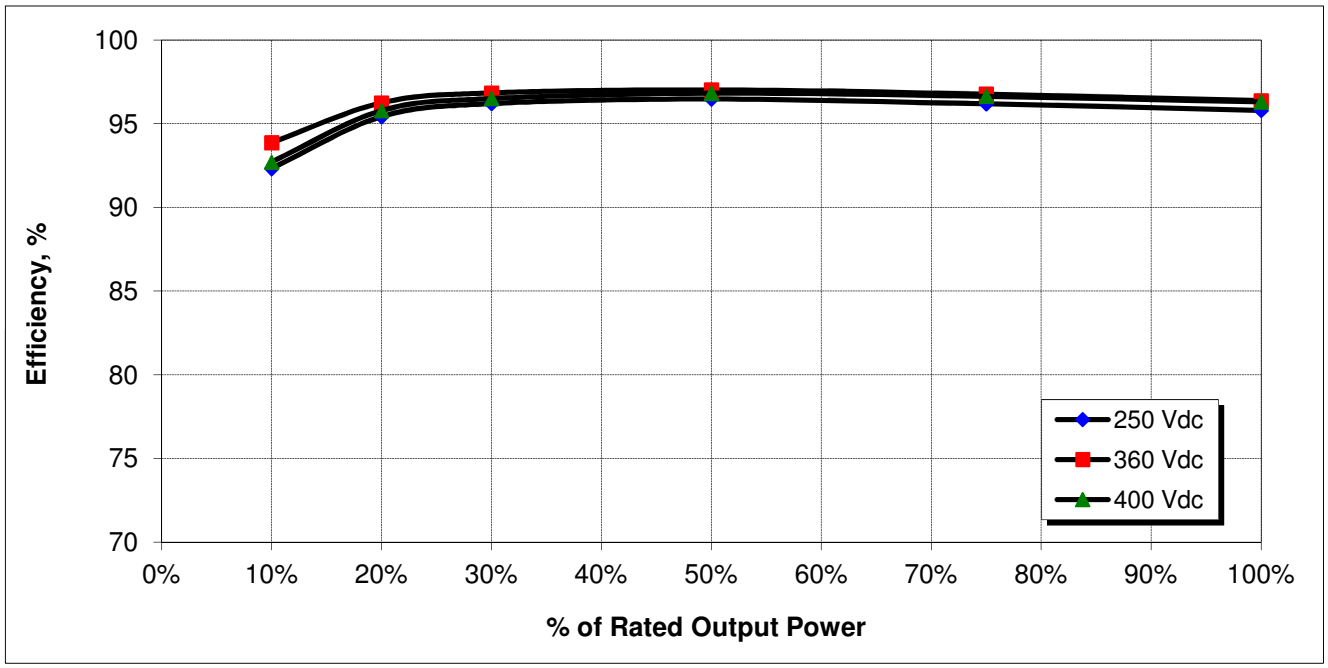
Model #: AP 3000TL-US (208 Vac)

Rated Maximum Continuous Output Power: 2.50 kW Night Tare Loss: 0.10 W

Vmin: 250 Vdc Vnom: 360 Vdc Vmax: 400 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.25	0.50	0.75	1.25	1.88	2.50	Wtd
Vmin	250	92.3	95.4	96.2	96.5	96.2	95.8	96.0
Vnom	360	93.9	96.2	96.8	97.0	96.8	96.4	96.7
Vmax	400	92.7	95.8	96.5	96.8	96.6	96.3	96.4

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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)
10%	Vmin	0.2474	250.65	92.299	0.247	250.58	92.325	0.247	250.55	92.254	0.248	250.57	92.392	0.246	250.56	92.365
20%	Vmin	0.5393	250.55	95.418	0.54	250.42	95.417	0.539	250.39	95.420	0.54	250.45	95.422	0.539	250.58	95.417
30%	Vmin	0.7997	250.56	96.204	0.8	250.57	96.198	0.801	250.58	96.200	0.8	250.46	96.199	0.8	250.43	96.194
50%	Vmin	1.3609	250.48	96.472	1.363	250.59	96.476	1.361	250.88	96.472	1.363	250.49	96.469	1.362	250.59	96.470
75%	Vmin	1.9925	250.66	96.174	1.992	250.57	96.180	1.992	250.57	96.181	1.993	250.69	96.181	1.991	250.54	96.178
100%	Vmin	2.5108	250.42	95.795	2.511	250.44	95.793	2.512	250.41	95.788	2.511	250.48	95.788	2.511	250.4	95.780
10%	Vnom	0.2456	360.58	93.831	0.246	360.55	93.827	0.246	360.54	93.965	0.246	360.59	93.833	0.246	360.65	93.830
20%	Vnom	0.5369	360.29	96.255	0.538	360.51	96.252	0.538	360.55	96.239	0.537	360.39	96.236	0.538	360.27	96.235
30%	Vnom	0.8005	360.38	96.842	0.8	360.51	96.841	0.801	360.46	96.841	0.799	360.69	96.829	0.799	360.57	96.821
50%	Vnom	1.3595	360.64	97.014	1.361	360.6	97.017	1.359	360.44	97.014	1.359	360.65	97.023	1.36	360.71	97.020
75%	Vnom	1.9888	360.49	96.756	1.989	360.44	96.764	1.987	360.37	96.764	1.987	360.3	96.767	1.989	360.56	96.766
100%	Vnom	2.5096	360.38	96.377	2.51	360.83	96.378	2.508	360.56	96.376	2.51	360.54	96.374	2.509	360.52	96.372
10%	Vmax	0.2457	400.37	92.697	0.245	400.61	92.693	0.246	400.54	92.696	0.245	400.49	92.694	0.246	400.6	92.730
20%	Vmax	0.5368	400.64	95.804	0.537	400.4	95.771	0.537	400.47	95.779	0.536	400.61	95.768	0.537	400.35	95.753
30%	Vmax	0.7988	400.31	96.503	0.799	400.57	96.502	0.797	400.39	96.491	0.798	400.55	96.497	0.798	400.72	96.493
50%	Vmax	1.359	400.64	96.810	1.358	400.48	96.816	1.36	400.43	96.822	1.362	400.41	96.819	1.361	400.3	96.820
75%	Vmax	1.9886	400.56	96.651	1.985	400.42	96.565	1.989	400.54	96.656	1.99	400.59	96.654	1.988	400.42	96.654
100%	Vmax	2.5073	400.69	96.299	2.507	400.48	96.302	2.507	400.53	96.301	2.507	400.41	96.296	2.508	400.57	96.299

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															