Manufacturer: Agepower Limited

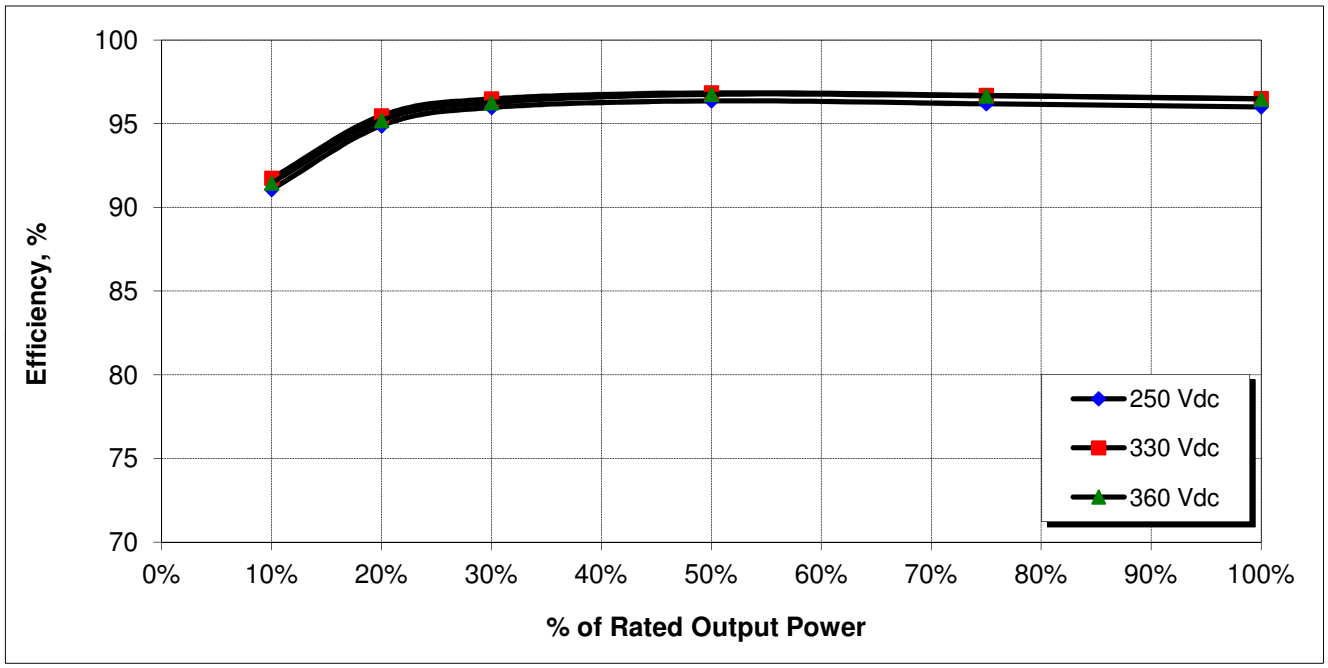
Model #: AP 1500TL-US(208Vac)

Rated Maximum Continuous Output Power: 1.50 kW Night Tare Loss: 0.07 W

Vmin: 250 Vdc Vnom: 330 Vdc Vmax: 360 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.15	0.30	0.45	0.75	1.13	1.50	Wtd
Vmin	250	91.1	94.9	96.0	96.4	96.2	96.0	95.9
Vnom	330	91.7	95.5	96.5	96.8	96.7	96.5	96.4
Vmax	360	91.5	95.2	96.2	96.7	96.7	96.5	96.3

CEC Efficiency = 96.0%



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	0.143	250.6	90.990	0.143	250.36	91.095	0.143	250.33	91.120	0.143	250.38	91.111	0.143	250.43	91.039
20%	Vmin	0.3139	250.44	94.879	0.314	250.47	94.892	0.314	250.34	94.892	0.314	250.68	94.888	0.314	250.45	94.885
30%	Vmin	0.4754	250.28	95.916	0.476	250.47	95.913	0.475	250.56	95.906	0.477	250.53	96.243	0.475	250.33	95.909
50%	Vmin	0.8256	250.39	96.370	0.827	250.52	96.372	0.826	250.46	96.383	0.826	250.4	96.363	0.825	250.37	96.370
75%	Vmin	1.1937	250.63	96.180	1.195	250.38	96.192	1.195	250.58	96.193	1.196	250.4	96.193	1.194	250.53	96.194
100%	Vmin	1.5032	250.3	95.997	1.503	250.7	96.000	1.504	250.5	96.053	1.503	250.58	95.997	1.504	250.55	95.999
10%	Vnom	0.1428	330.71	91.716	0.144	330.35	91.783	0.143	330.46	91.724	0.143	330.57	91.750	0.143	330.45	91.748
20%	Vnom	0.3144	330.45	95.589	0.315	330.39	95.500	0.315	330.48	95.464	0.314	330.43	95.391	0.315	330.61	95.455
30%	Vnom	0.4758	330.5	96.481	0.475	330.43	96.480	0.476	330.26	96.478	0.475	330.52	96.487	0.476	330.42	96.487
50%	Vnom	0.8264	330.28	96.856	0.826	330.33	96.853	0.825	330.45	96.850	0.825	330.44	96.845	0.826	330.47	96.840
75%	Vnom	1.1922	330.49	96.700	1.191	330.48	96.697	1.193	330.49	96.697	1.193	330.6	96.697	1.193	330.46	96.694
100%	Vnom	1.5028	330.43	96.496	1.503	330.41	96.497	1.502	330.46	96.501	1.503	330.45	96.497	1.503	330.29	96.500
10%	Vmax	0.1433	360.48	91.393	0.143	360.41	91.366	0.143	360.33	91.464	0.143	360.45	91.427	0.143	360.46	91.608
20%	Vmax	0.3141	360.54	95.129	0.314	360.42	95.116	0.314	360.41	95.413	0.314	360.53	95.299	0.314	360.35	95.005
30%	Vmax	0.4741	360.39	96.253	0.475	360.27	96.263	0.475	360.56	96.236	0.474	360.6	96.240	0.475	360.42	96.249
50%	Vmax	0.8252	360.59	96.746	0.826	360.55	96.738	0.825	360.41	96.744	0.825	360.42	96.747	0.826	360.43	96.735
75%	Vmax	1.1917	360.56	96.654	1.194	360.44	96.654	1.193	360.66	96.656	1.195	360.62	96.657	1.193	360.31	96.647
100%	Vmax	1.5038	360.44	96.454	1.503	360.56	96.466	1.501	360.26	96.458	1.501	360.49	96.460	1.502	360.44	96.459

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															