

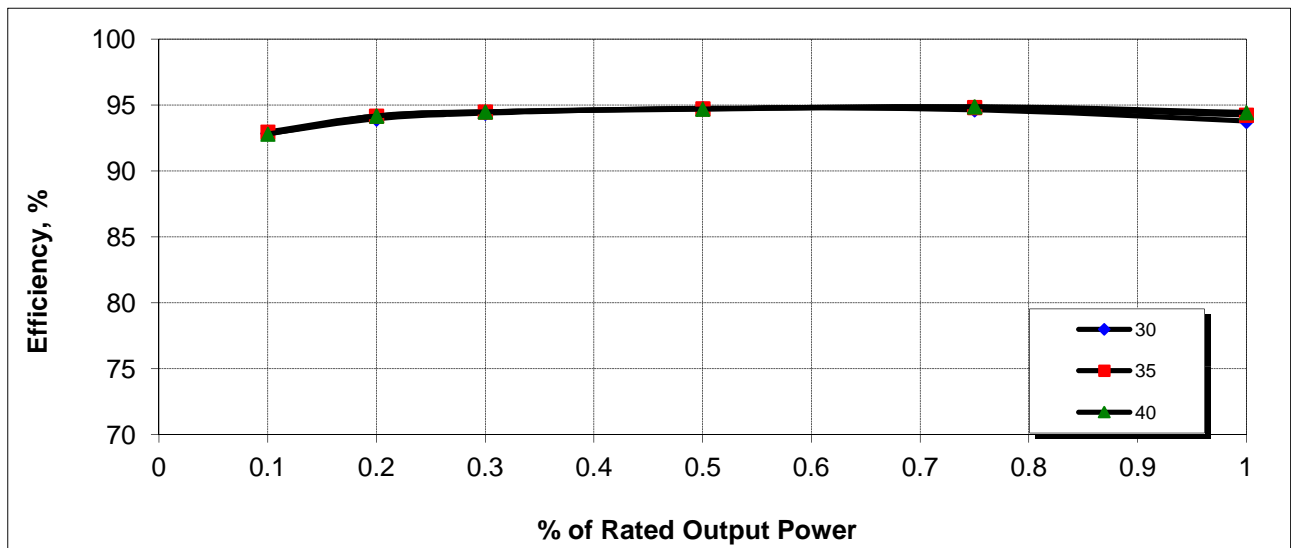
Manufacturer: INVOLAR Corporation, Ltd.  
Model #: MAC500-XX

Rated Maximum Continuous Output Power: 500.00 W Night Tare Loss: 0.11 W

Vmin: 30 Vdc Vnom: 35 Vdc Vmax: 40 Vdc

Input Voltage (Vdc)		Power Level (%; kW)						Wtd
		10%	20%	30%	50%	75%	100%	
Vmin	30	92.8	94.0	94.4	94.7	94.6	93.8	94.5
Vnom	35	93.0	94.2	94.5	94.7	94.8	94.2	94.6
Vmax	40	92.8	94.2	94.5	94.7	94.9	94.4	94.6

CEC Efficiency = 94.5%



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	50.28	29.36	92.84	50.32	29.36	92.85	50.28	29.36	92.81	50.30	29.36	92.87	50.31	29.36	92.88
20%	Vmin	100.83	30.04	93.95	100.83	30.04	93.95	100.84	30.04	93.96	100.84	30.03	93.96	100.84	30.04	93.96
30%	Vmin	150.00	30.00	94.38	150.00	30.00	94.38	150.00	30.00	94.38	150.00	30.00	94.38	150.00	30.00	94.38
50%	Vmin	249.61	30.03	94.74	249.61	30.03	94.74	249.60	30.03	94.74	249.61	30.03	94.74	249.61	30.03	94.74
75%	Vmin	376.54	30.04	94.64	376.54	30.04	94.63	376.55	30.03	94.64	376.53	30.03	94.64	376.52	30.03	94.64
100%	Vmin	504.18	29.73	93.79	504.17	29.73	93.79	504.13	29.73	93.79	504.17	29.73	93.79	504.19	29.73	93.78
10%	Vnom	50.48	34.95	93.00	50.45	34.95	92.90	50.44	34.96	92.95	50.48	34.95	92.95	50.49	34.95	92.98
20%	Vnom	97.84	34.27	94.16	97.84	34.27	94.16	97.83	34.27	94.15	97.82	34.27	94.16	97.82	34.27	94.17
30%	Vnom	151.00	35.05	94.47	151.00	35.05	94.48	151.00	35.05	94.49	151.00	35.05	94.48	151.00	35.05	94.48
50%	Vnom	249.33	35.04	94.71	249.34	35.04	94.72	249.35	35.04	94.72	249.36	35.05	94.71	249.35	35.05	94.72
75%	Vnom	373.27	34.98	94.81	373.26	34.97	94.82	373.28	34.97	94.82	373.28	34.97	94.83	373.27	34.98	94.82
100%	Vnom	505.06	34.92	94.25	505.05	34.92	94.25	505.07	34.92	94.25	505.07	34.92	94.24	505.01	34.93	94.24
10%	Vmax	50.78	39.80	92.79	50.77	39.78	92.80	50.83	39.80	92.84	50.76	39.79	92.78	50.74	39.78	92.77
20%	Vmax	102.68	39.73	94.18	102.70	39.73	94.19	102.69	39.72	94.16	102.71	39.72	94.17	102.68	39.73	94.16
30%	Vmax	150.53	40.10	94.48	150.53	40.10	94.48	150.53	40.10	94.48	150.53	40.11	94.48	150.52	40.11	94.48
50%	Vmax	251.63	40.03	94.68	251.63	40.03	94.69	251.62	40.03	94.69	251.61	40.02	94.69	251.63	40.03	94.69
75%	Vmax	376.12	39.70	94.88	376.12	39.70	94.88	376.12	39.70	94.88	376.12	39.70	94.87	376.11	39.70	94.88
100%	Vmax	504.77	39.88	94.43	504.79	39.88	94.43	504.76	39.88	94.44	504.78	39.88	94.44	504.81	39.88	94.44

[illegible]