Manufacturer: GROWATT NEW ENERGY TECHNOLOGY CO., LTD

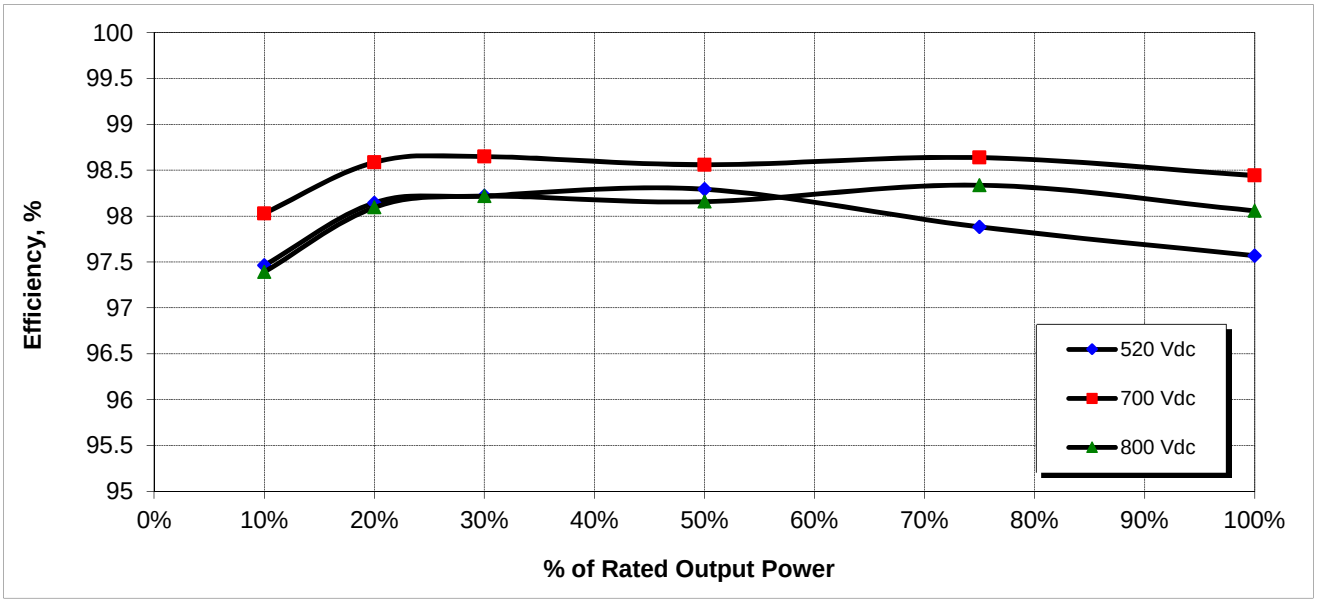
Model #: GROWATT 36000TL3-US Output Voltage: 277Vac/480Vac

Rated Maximum Continuous Output Power: 35712.50 W Night Tare Loss: 2.051 W

Vmin: 520.0 Vdc Vnom: 700.0 Vdc Vmax: 800.0 Vdc

		Power Level (%; W)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		3571.25	7142.50	10713.75	17856.25	26784.38	35712.50	Wtd
Vmin	520	97.5	98.1	98.2	98.3	97.9	97.6	98.0
Vnom	700	98.0	98.6	98.6	98.6	98.6	98.4	98.6
Vmax	800	97.4	98.1	98.2	98.2	98.3	98.1	98.2

CEC Efficiency = 98.5%



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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	3693.82	524.76	97.65	3730.43	519.96	97.57	3753.57	519.97	97.38	3731.68	519.97	97.35	3715.85	524.76	97.37
20%	Vmin	7268.85	519.84	98.07	7280.92	519.83	98.16	7219.50	519.82	98.19	7326.05	524.65	98.27	7285.15	524.63	98.03
30%	Vmin	10916.47	519.62	98.19	10982.68	519.70	98.26	10764.63	519.65	98.19	10908.88	524.50	98.21	11035.82	524.51	98.25
50%	Vmin	17970.77	524.20	98.22	17987.25	524.18	98.35	17982.05	524.18	98.26	17997.03	524.17	98.34	17994.65	524.17	98.29
75%	Vmin	26811.40	519.01	97.89	27002.58	518.99	97.90	26938.52	519.00	97.88	26909.33	519.01	97.88	26903.67	519.02	97.86
100%	Vmin	35614.12	518.74	97.61	35624.45	518.74	97.60	35664.55	518.76	97.55	35629.18	518.74	97.58	35613.37	518.75	97.51
10%	Vnom	3699.32	705.54	98.01	3537.29	705.57	98.03	3711.60	705.54	98.00	3685.39	705.58	98.01	3678.27	705.56	98.10
20%	Vnom	7315.72	705.21	98.59	7293.55	705.28	98.58	7327.10	705.24	98.59	7330.17	705.26	98.58	7321.18	705.23	98.59
30%	Vnom	10930.97	704.94	98.65	10934.15	704.97	98.65	10928.90	704.96	98.65	10925.10	704.95	98.65	10885.97	704.97	98.65
50%	Vnom	18152.38	704.31	98.57	18127.85	704.30	98.56	18128.12	704.30	98.56	18123.65	704.31	98.55	18132.33	704.30	98.55
75%	Vnom	27205.98	705.16	98.68	27203.48	705.16	98.63	27202.05	705.16	98.58	27204.72	705.13	98.64	27207.75	705.13	98.66
100%	Vnom	35781.07	701.94	98.47	35769.28	701.84	98.40	35765.50	704.88	98.46	35763.88	704.88	98.43	35766.77	704.92	98.45
10%	Vmax	3662.76	799.65	97.33	3711.66	799.67	97.34	3711.97	799.67	97.43	3720.93	799.66	97.43	3719.06	799.66	97.42
20%	Vmax	7318.18	799.40	98.10	7333.07	799.40	98.10	7224.99	799.40	98.09	7216.36	799.41	98.09	7332.50	799.40	98.09
30%	Vmax	10889.22	799.11	98.22	10935.82	799.12	98.22	10918.33	799.12	98.22	10935.68	799.12	98.21	10911.58	799.13	98.21
50%	Vmax	18117.38	798.58	98.15	18114.82	798.59	98.16	18114.73	798.58	98.13	18117.05	798.59	98.18	18113.62	798.58	98.16
75%	Vmax	26685.13	799.29	98.37	26993.23	799.28	98.28	27202.55	799.26	98.32	27178.68	799.25	98.35	26988.97	799.28	98.35
100%	Vmax	35870.93	799.05	98.07	35658.27	799.05	98.05	36016.10	799.05	98.04	35697.47	799.08	98.07	35436.47	799.10	98.06

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															