Manufacturer: GE Energy

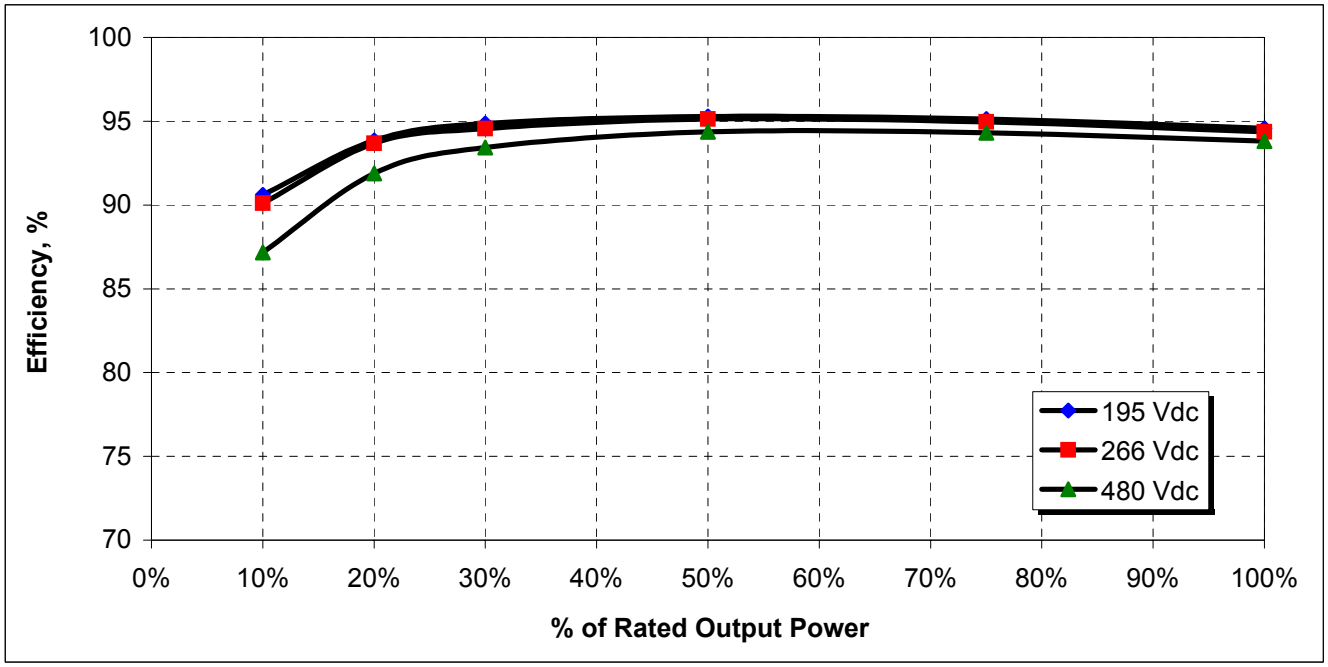
Model #: GEPVb-3300-NA-240

Rated Maximum Continuous Output Power @25°C: 3.300 kW Night Tare Loss: 1.0 W
Rated Maximum Continuous Output Power @40°C: 3.300 kW Night Tare Loss: 1.0 W

Vmin: 195 Vdc Vnom: 266 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.33	0.66	0.99	1.65	2.48	3.30	Wtd
Vmin	195	90.6	93.8	94.9	95.3	95.1	94.6	94.9
Vnom	266	90.1	93.7	94.6	95.1	95.0	94.4	94.7
Vmax	480	87.2	91.9	93.4	94.4	94.3	93.8	93.8

CEC Efficiency = 94.5%



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)	(%)	(W)	(Vdc)	(%)
10%	Vmin	327.83	194.70	90.60	327.33	194.70	90.59	327.00	194.70	90.58	327.17	194.70	90.59	327.83	194.70	90.65
20%	Vmin	658.83	194.50	93.87	660.17	194.50	93.82	660.00	194.50	93.86	658.50	194.50	93.83	660.50	194.50	93.83
30%	Vmin	986.33	194.85	94.84	986.67	194.85	94.86	986.00	194.88	94.87	985.50	194.90	94.88	986.17	194.87	94.89
50%	Vmin	1658.50	194.85	95.25	1658.83	194.83	95.26	1663.17	194.80	95.27	1665.50	194.75	95.27	1665.50	194.75	95.27
75%	Vmin	2465.67	194.83	95.11	2464.00	194.85	95.13	2467.67	194.82	95.13	2458.33	194.90	95.14	2465.00	194.83	95.14
100%	Vmin	3314.83	194.75	94.59	3414.83	194.77	94.57	3309.17	194.82	94.58	3308.67	194.82	94.58	3310.00	194.83	94.59
10%	Vnom	336.50	266.20	90.05	337.83	266.20	90.13	336.83	266.20	90.14	336.50	266.20	90.05	337.17	266.20	90.11
20%	Vnom	669.00	265.97	93.70	669.33	265.97	93.68	669.50	265.95	93.70	668.83	265.98	93.65	668.83	265.98	93.67
30%	Vnom	989.33	266.130	94.57	992.83	266.13	94.57	987.33	266.17	94.54	990.50	266.15	94.54	998.00	266.10	94.55
50%	Vnom	1657.67	266.13	95.13	1654.50	266.15	95.12	1658.67	266.13	95.13	1652.17	266.17	95.13	1655.33	266.13	95.13
75%	Vnom	2472.00	266.20	94.97	2470.00	266.20	94.96	2475.67	266.15	94.97	2470.17	266.22	94.98	2461.17	266.23	94.95
100%	Vnom	3383.83	265.83	94.36	3379.33	265.87	94.35	3370.17	265.90	94.35	3376.67	265.87	94.35	3362.33	265.98	94.36
10%	Vmax	312.17	480.20	87.20	311.33	480.20	87.13	312.83	480.20	87.18	311.50	480.20	87.21	312.33	480.20	87.16
20%	Vmax	648.33	480.20	91.87	648.00	480.20	91.87	649.83	480.20	91.91	647.50	480.20	91.87	653.17	480.18	91.89
30%	Vmax	979.33	480.62	93.45	984.83	480.60	93.42	984.83	480.60	93.41	983.83	480.60	93.42	983.17	480.60	93.41
50%	Vmax	1646.83	480.38	94.37	1643.17	480.40	94.35	1646.17	480.40	94.37	1644.67	480.40	94.35	1648.33	480.37	94.35
75%	Vmax	2472.83	480.10	94.30	2471.17	480.10	94.31	2471.00	480.10	94.30	2470.50	480.10	94.31	2469.33	480.10	94.32
100%	Vmax	3369.67	479.92	93.83	3373.67	479.88	93.83	3355.83	479.93	93.82	3372.00	479.88	93.83	3375.00	479.90	93.82

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	327.67	194.70	90.60	328.00	194.70	90.61									
20%	Vmin	659.50	194.50	93.86	659.33	194.50	93.88									
30%	Vmin	985.67	194.90	94.87	985.17	194.90	94.85									
50%	Vmin	1663.33	194.78	95.29	1667.50	194.75	95.30									
75%	Vmin	2467.67	194.82	95.14	2466.83	194.82	95.13									
100%	Vmin	3321.00	194.70	94.58	3307.33	194.87	94.58									
10%	Vnom	337.50	266.20	90.12	337.67	266.20	90.17									
20%	Vnom	668.67	265.98	93.69	668.33	265.98	93.67									
30%	Vnom	994.67	266.12	94.55	997.00	266.10	94.55									
50%	Vnom	1657.50	266.13	95.11	1657.33	266.12	95.12									
75%	Vnom	2473.00	266.20	94.95	2472.17	266.18	94.96									
100%	Vnom	3365.50	265.93	94.36	3373.83	265.88	94.36									
10%	Vmax	312.83	480.20	87.14	312.33	480.20	87.16									
20%	Vmax	646.33	480.20	91.85	646.83	480.20	91.90									
30%	Vmax	983.50	480.60	93.44	982.83	480.60	93.43									
50%	Vmax	1646.67	480.38	94.36	1645.33	480.40	94.36									
75%	Vmax	2470.33	480.10	94.31	2470.67	480.10	94.32									
100%	Vmax	3373.33	479.90	93.82	3373.83	479.90	93.82									