Manufacturer: Power-One, Inc.

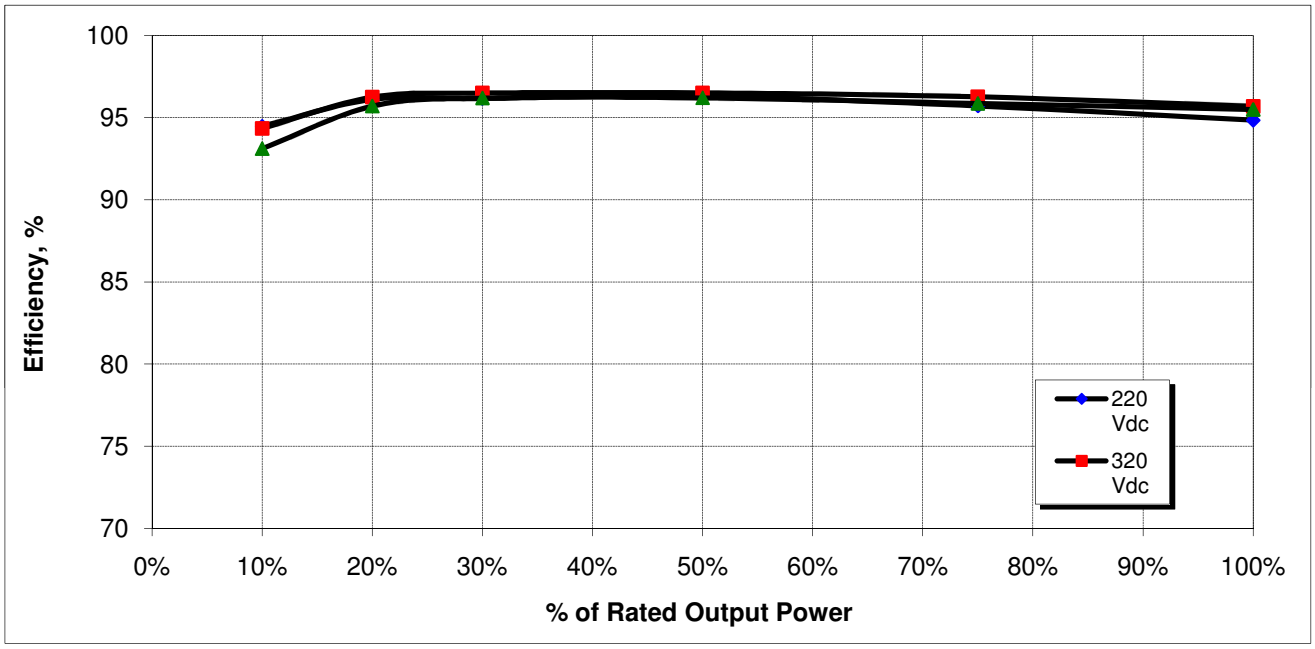
Model #: PVI-10.0-I-OUTD-x-US-208-y

Rated Maximum Continuous Output Power @25°C: 10.0 kW Night Tare Loss: 0.1 W
Rated Maximum Continuous Output Power @40°C: 10.0 kW Night Tare Loss: 0.1 W

Vmin: 220 Vdc Vnom: 320 Vdc Vmax: 416 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		1.00	2.00	3.00	5.00	7.50	10.00	Wtd
Vmin	220	94.5	96.1	96.2	96.3	95.7	94.8	95.8
Vnom	320	94.4	96.3	96.5	96.5	96.3	95.7	96.2
Vmax	416	93.1	95.7	96.2	96.2	95.9	95.5	95.8

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)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	992.4	220.7	94.48	992.5	220.7	94.48	992.7	220.7	94.47	992.5	220.7	94.48	992.1	220.7	94.47
20%	Vmin	2191.3	221.7	96.11	2191.1	221.7	96.11	2190.6	221.7	96.10	2190.6	221.7	96.10	2190.9	221.7	96.11
30%	Vmin	2963.2	221.7	96.16	2870.5	221.7	96.16	2870.6	221.7	96.17	2870.3	221.7	96.15	2870.9	221.7	96.16
50%	Vmin	4521.9	221.7	96.30	4521.5	221.7	96.30	4521.3	221.7	96.30	4521.8	221.7	96.31	4521.7	221.7	96.30
75%	Vmin	7016.0	222.0	95.71	7016.4	222.0	95.71	7016.3	222.0	95.71	7016.3	222.0	95.71	7016.5	222.0	95.71
100%	Vmin	9504.5	222.3	94.86	9502.5	222.3	94.85	9503.2	222.2	94.84	9503.5	222.2	94.84	9504.1	222.2	94.84
10%	Vnom	996.7	320.5	94.37	997.0	320.5	94.37	997.0	320.5	94.34	996.9	320.6	94.35	996.4	320.6	94.33
20%	Vnom	2185.6	321.5	96.25	2185.4	321.6	96.25	2185.5	321.6	96.26	2185.0	321.6	96.26	2185.2	321.6	96.25
30%	Vnom	3244.4	321.5	96.50	3243.9	321.5	96.50	3208.3	321.5	96.50	3211.5	321.5	96.50	3229.9	321.5	96.51
50%	Vnom	4536.6	321.0	96.52	4536.7	321.0	96.52	4536.1	321.0	96.51	4535.8	321.0	96.52	4536.2	321.0	96.51
75%	Vnom	7042.0	320.0	96.27	7041.9	320.0	96.27	7042.4	320.0	96.27	7042.5	320.0	96.27	7042.7	320.0	96.27
100%	Vnom	9516.8	319.8	95.69	9516.8	319.8	95.69	9517.4	319.8	95.69	9517.0	319.8	95.69	9518.0	319.8	95.69
10%	Vmax	996.5	416.3	93.12	996.2	416.3	93.11	996.3	416.3	93.12	996.2	416.3	93.11	996.3	416.4	93.11
20%	Vmax	2186.7	416.2	95.71	2186.9	416.2	95.70	2187.6	416.2	95.70	2187.9	416.2	95.71	2187.2	416.2	95.70
30%	Vmax	3233.2	415.6	96.19	3232.8	415.6	96.19	3233.4	415.6	96.20	3232.6	415.6	96.19	3233.4	415.6	96.20
50%	Vmax	4508.1	415.7	96.21	4507.8	415.7	96.21	4508.7	415.8	96.21	4508.5	415.8	96.22	4508.7	415.8	96.21
75%	Vmax	7008.2	415.8	95.86	7008.9	415.8	95.86	7010.1	415.8	95.87	7010.0	415.8	95.87	7010.3	415.8	95.87
100%	Vmax	9518.8	415.3	95.50	9519.1	415.3	95.50	9518.5	415.3	95.50	9518.3	415.3	95.50	9519.1	415.3	95.50

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	991.9	220.7	94.49	992.0	220.7	94.49									
20%	Vmin	2190.6	221.7	96.10	2190.6	221.7	96.10									
30%	Vmin	2870.7	221.7	96.16	2870.7	221.7	96.16									
50%	Vmin	4521.6	221.7	96.31	4521.2	221.7	96.30									
75%	Vmin	7016.3	222.0	95.71	7016.0	222.0	95.71									
100%	Vmin	9503.0	222.2	94.84	9503.6	222.1	94.84									
10%	Vnom	996.5	320.6	94.34	997.2	320.6	94.35									
20%	Vnom	2184.9	321.6	96.25	2184.6	321.6	96.25									
30%	Vnom	3229.8	321.5	96.51	3229.2	321.5	96.50									
50%	Vnom	4535.9	321.0	96.52	4535.5	321.0	96.52									
75%	Vnom	7042.0	320.0	96.27	7042.3	320.0	96.28									
100%	Vnom	9517.6	319.8	95.69	9518.1	319.8	95.69									
10%	Vmax	996.8	416.4	93.11	996.5	416.4	93.11									
20%	Vmax	2187.2	416.2	95.70	2187.7	416.2	95.70									
30%	Vmax	3234.2	415.6	96.20	3233.7	415.6	96.20									
50%	Vmax	4508.9	415.8	96.21	4509.0	415.8	96.21									
75%	Vmax	7010.7	415.8	95.87	7009.8	415.9	95.87									
100%	Vmax	9518.6	415.3	95.49	9518.9	415.3	95.50									