Manufacturer: Power-One, Inc

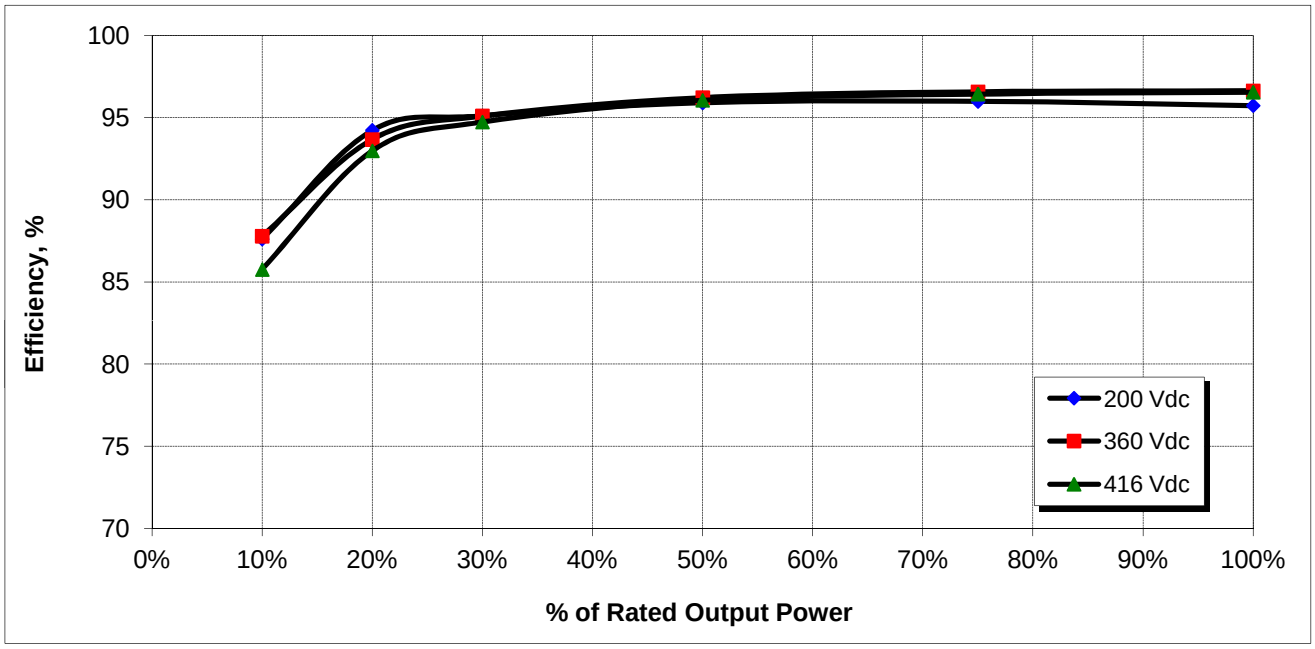
Model #: UNO-2.0-I-OUTD-US (277Vac)

Rated Maximum Continuous Output Power @25°C: 2.0 kW Night Tare Loss: 0.5 W
Rated Maximum Continuous Output Power @40°C: 2.0 kW Night Tare Loss: 0.5 W

Vomin: 200 Vdc Vnom: 360 Vdc Vmax: 416 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.20	0.40	0.60	1.00	1.50	2.00	Wtd
Vmin	200	87.6	94.2	95.1	95.9	96.0	95.7	95.4
Vnom	360	87.8	93.7	95.1	96.2	96.6	96.6	95.8
Vmax	416	85.8	93.0	94.7	96.1	96.4	96.6	95.6

CEC Efficiency = 95.5%



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	193.7	200.2	87.6	194.0	200.2	87.7	194.3	200.2	87.6	194.0	200.2	87.6	194.1	200.2	87.6
20%	Vmin	434.4	200.2	94.2	434.4	200.2	94.2	434.5	200.2	94.3	434.3	200.2	94.2	434.6	200.2	94.2
30%	Vmin	645.1	200.2	95.1	645.4	200.2	95.1	645.4	200.2	95.1	645.2	200.2	95.1	645.0	200.2	95.1
50%	Vmin	1052.3	200.1	95.9	1052.4	200.1	95.9	1052.3	200.1	95.9	1052.2	200.1	95.9	1052.3	200.1	95.9
75%	Vmin	1407.5	200.1	96.0	1407.5	200.1	96.0	1407.5	200.1	96.0	1407.3	200.1	96.0	1407.5	200.1	96.0
100%	Vmin	1904.6	200.1	95.7	1904.4	200.1	95.7	1904.6	200.1	95.7	1904.7	200.1	95.7	1904.6	200.1	95.7
10%	Vnom	193.2	359.8	87.8	192.8	359.8	87.7	193.3	359.8	87.9	193.1	359.8	87.8	193.3	359.8	87.8
20%	Vnom	433.1	359.7	93.7	433.6	359.8	93.7	433.5	359.8	93.7	433.7	359.7	93.7	433.6	359.7	93.7
30%	Vnom	643.4	359.6	95.1	643.5	359.6	95.1	643.6	359.6	95.1	643.7	359.6	95.1	643.9	359.6	95.1
50%	Vnom	1093.3	359.5	96.2	1093.5	359.5	96.2	1093.6	359.5	96.2	1093.4	359.5	96.2	1093.3	359.5	96.2
75%	Vnom	1592.8	360.0	96.6	1592.8	360.0	96.6	1592.7	360.0	96.6	1592.6	360.0	96.6	1592.2	360.0	96.6
100%	Vnom	1909.8	360.0	96.6	1909.8	360.0	96.6	1909.8	360.1	96.6	1910.0	360.1	96.6	1910.2	360.1	96.6
10%	Vmax	194.1	417.6	85.8	194.0	417.6	85.7	194.3	417.6	85.8	194.0	417.6	85.8	193.6	417.6	85.7
20%	Vmax	435.5	415.6	93.0	435.6	415.6	93.0	435.6	415.5	93.0	435.1	415.5	93.0	435.1	415.5	93.0
30%	Vmax	647.0	415.4	94.7	647.7	415.4	94.7	647.3	415.4	94.7	647.3	415.4	94.7	647.1	415.4	94.7
50%	Vmax	1093.8	415.9	96.1	1094.2	415.9	96.1	1094.3	415.9	96.1	1094.4	415.9	96.1	1094.2	415.9	96.1
75%	Vmax	1409.2	416.0	96.4	1409.4	416.0	96.4	1409.8	416.1	96.4	1409.9	416.0	96.4	1409.9	416.1	96.4
100%	Vmax	2007.9	416.2	96.5	2008.0	416.2	96.5	2007.9	416.2	96.6	2008.3	416.2	96.6	2008.1	416.2	96.6

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	194.2	200.2	87.7	193.8	200.2	87.6									
20%	Vmin	434.2	200.2	94.2	434.1	200.2	94.2									
30%	Vmin	645.1	200.2	95.1	644.9	200.2	95.1									
50%	Vmin	1052.3	200.1	95.9	1052.2	200.1	95.9									
75%	Vmin	1407.5	200.1	96.0	1407.6	200.1	96.0									
100%	Vmin	1904.5	200.1	95.7	1904.5	200.1	95.7									
10%	Vnom	193.1	359.8	87.7	193.4	359.8	87.8									
20%	Vnom	433.6	359.7	93.7	433.8	359.7	93.7									
30%	Vnom	643.4	359.6	95.1	643.4	359.7	95.1									
50%	Vnom	1093.4	359.5	96.2	1093.6	359.5	96.2									
75%	Vnom	1592.5	360.0	96.6	1592.5	360.0	96.6									
100%	Vnom	1909.9	360.1	96.6	1910.3	360.1	96.6									
10%	Vmax	194.1	417.6	85.8	193.9	417.6	85.8									
20%	Vmax	435.4	415.5	93.0	435.3	415.6	93.0									
30%	Vmax	646.9	415.4	94.7	646.4	415.4	94.7									
50%	Vmax	1094.4	415.9	96.1	1095.0	415.9	96.1									
75%	Vmax	1409.5	416.0	96.4	1409.9	416.1	96.5									
100%	Vmax	2007.6	416.2	96.5	2008.0	416.2	96.6									