Manufacturer: Power-One, Inc

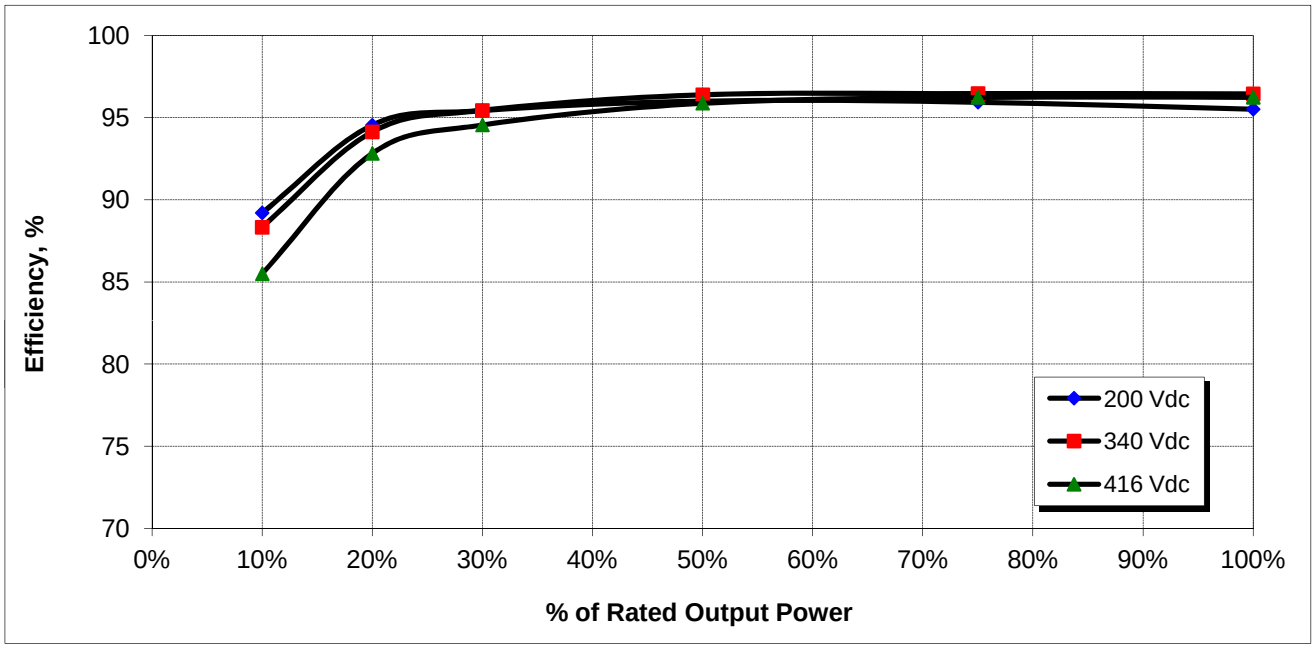
Model #: UNO-2.0-I-OUTD-US (240Vac)

Rated Maximum Continuous Output Power @25°C: 2.0 kW Night Tare Loss: 0.4 W
Rated Maximum Continuous Output Power @40°C: 2.0 kW Night Tare Loss: 0.4 W

Vomin: 200 Vdc Vnom: 340 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	89.2	94.5	95.4	96.0	96.0	95.5	95.5
Vnom	340	88.3	94.1	95.5	96.4	96.5	96.5	95.9
Vmax	416	85.5	92.8	94.6	95.9	96.2	96.3	95.4

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	195.4	200.1	89.2	195.6	200.1	89.2	195.7	200.1	89.2	195.5	200.1	89.2	195.5	200.1	89.2
20%	Vmin	435.2	200.1	94.6	435.1	200.1	94.6	435.1	200.1	94.5	435.2	200.1	94.6	435.4	200.1	94.6
30%	Vmin	648.5	200.1	95.4	648.3	200.1	95.4	648.3	200.1	95.4	648.3	200.1	95.4	648.3	200.1	95.4
50%	Vmin	1052.4	200.1	96.0	1052.7	200.1	96.0	1052.7	200.1	96.0	1052.8	200.1	96.0	1052.5	200.1	96.0
75%	Vmin	1405.4	200.0	96.0	1405.2	200.0	95.9	1405.4	200.0	96.0	1405.6	200.0	96.0	1405.4	200.0	95.9
100%	Vmin	1904.3	199.9	95.5	1904.4	199.9	95.5	1904.2	199.9	95.5	1903.9	199.9	95.5	1904.1	199.9	95.5
10%	Vnom	195.0	339.7	88.4	195.1	339.7	88.3	195.1	339.7	88.3	195.0	339.7	88.3	195.2	339.7	88.3
20%	Vnom	434.0	339.7	94.1	433.7	339.7	94.1	433.2	339.7	94.1	433.5	339.7	94.1	434.2	339.7	94.1
30%	Vnom	644.2	339.6	95.4	644.3	339.6	95.5	644.3	339.6	95.5	644.5	339.6	95.5	644.4	339.7	95.5
50%	Vnom	1097.8	339.5	96.4	1097.8	339.5	96.4	1097.4	339.5	96.4	1098.0	339.5	96.4	1098.0	339.5	96.4
75%	Vnom	1501.2	339.9	96.5	1501.4	339.9	96.5	1501.4	339.9	96.5	1501.2	339.9	96.5	1501.3	339.9	96.5
100%	Vnom	1907.3	339.9	96.5	1907.2	339.9	96.5	1907.1	339.9	96.5	1907.3	339.9	96.5	1907.3	339.9	96.4
10%	Vmax	194.4	419.9	85.5	194.4	419.9	85.6	194.2	420.0	85.5	194.1	420.0	85.4	193.7	419.9	85.4
20%	Vmax	434.3	415.3	92.8	434.2	415.4	92.8	434.2	415.3	92.8	434.6	415.4	92.8	434.3	415.4	92.8
30%	Vmax	646.6	415.3	94.6	646.2	415.3	94.6	646.5	415.3	94.6	646.5	415.3	94.5	646.6	415.3	94.6
50%	Vmax	1094.2	415.8	95.9	1094.4	415.8	95.9	1094.2	415.8	95.9	1093.8	415.7	95.9	1093.9	415.8	95.9
75%	Vmax	1409.8	415.8	96.2	1409.6	415.8	96.2	1409.4	415.8	96.2	1409.3	415.8	96.2	1409.5	415.8	96.2
100%	Vmax	1910.3	415.9	96.2	1910.6	415.9	96.2	1910.9	416.0	96.2	1910.5	416.0	96.3	1910.8	416.0	96.3

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	195.6	200.1	89.2	195.6	200.1	89.2									
20%	Vmin	435.3	200.1	94.5	435.3	200.1	94.6									
30%	Vmin	648.2	200.1	95.4	648.2	200.1	95.4									
50%	Vmin	1052.5	200.1	96.0	1052.6	200.1	96.0									
75%	Vmin	1405.5	200.0	95.9	1405.3	200.0	96.0									
100%	Vmin	1904.2	199.9	95.5	1904.1	199.9	95.5									
10%	Vnom	195.3	339.7	88.3	195.0	339.7	88.4									
20%	Vnom	434.1	339.7	94.1	433.9	339.7	94.2									
30%	Vnom	644.3	339.6	95.4	644.2	339.6	95.4									
50%	Vnom	1098.0	339.5	96.4	1098.0	339.5	96.4									
75%	Vnom	1500.9	339.9	96.5	1500.7	339.9	96.5									
100%	Vnom	1907.4	339.9	96.5	1907.3	339.9	96.5									
10%	Vmax	194.0	419.9	85.5	193.8	420.0	85.6									
20%	Vmax	434.3	415.3	92.8	433.9	415.4	92.8									
30%	Vmax	646.3	415.3	94.6	646.4	415.3	94.6									
50%	Vmax	1094.1	415.7	95.9	1094.1	415.8	95.9									
75%	Vmax	1409.6	415.8	96.2	1409.7	415.8	96.2									
100%	Vmax	1910.6	415.9	96.3	1910.7	416.0	96.3									