Manufacturer: Power-One, Inc

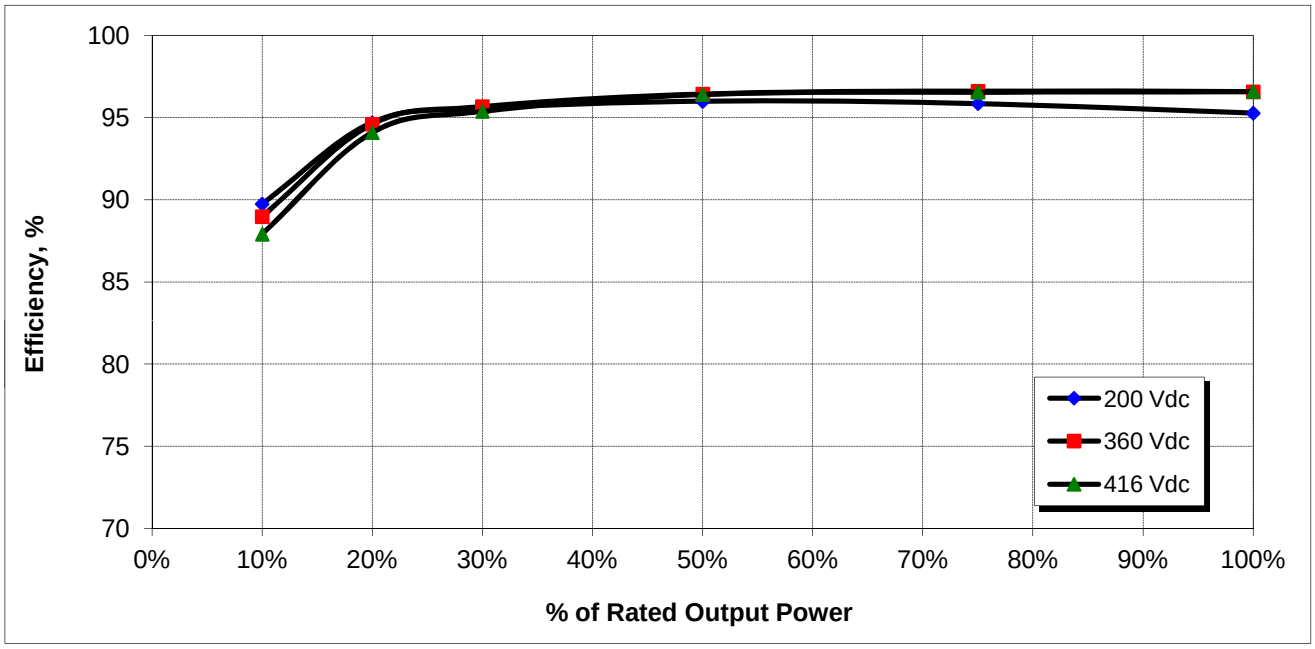
Model #: UNO-2.5-I-OUTD-US (277Vac)

Rated Maximum Continuous Output Power @25°C: 2.5 kW Night Tare Loss: 0.5 W
Rated Maximum Continuous Output Power @40°C: 2.5 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)		0.25	0.50	0.75	1.25	1.88	2.50	Wtd
Vmin	200	89.7	94.7	95.6	96.0	95.9	95.3	95.5
Vnom	360	89.0	94.6	95.7	96.4	96.6	96.6	96.1
Vmax	416	87.9	94.1	95.4	96.4	96.6	96.6	95.9

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	245.4	200.2	89.8	245.4	200.2	89.7	245.6	200.2	89.8	245.3	200.2	89.7	245.3	200.2	89.7
20%	Vmin	547.4	200.2	94.7	547.5	200.2	94.7	547.6	200.2	94.7	547.5	200.2	94.7	547.7	200.2	94.7
30%	Vmin	806.7	200.1	95.6	806.5	200.1	95.6	806.6	200.1	95.5	806.8	200.2	95.6	806.7	200.1	95.6
50%	Vmin	1371.8	200.1	96.0	1371.7	200.1	96.0	1371.8	200.1	96.0	1371.9	200.1	96.0	1371.7	200.1	96.0
75%	Vmin	1755.6	200.1	95.9	1755.7	200.1	95.9	1755.9	200.1	95.9	1755.7	200.1	95.9	1755.7	200.1	95.9
100%	Vmin	2381.6	200.0	95.3	2381.6	200.0	95.3	2381.7	200.0	95.3	2381.7	200.0	95.3	2381.8	200.0	95.3
10%	Vnom	246.6	359.8	89.0	246.4	359.7	89.0	246.2	359.8	88.9	246.6	359.8	89.0	246.0	359.7	89.0
20%	Vnom	547.6	359.7	94.6	547.3	359.7	94.6	546.9	359.7	94.6	547.0	359.7	94.6	547.0	359.7	94.6
30%	Vnom	806.6	359.6	95.7	806.5	359.6	95.7	806.5	359.6	95.7	806.3	359.6	95.7	806.7	359.6	95.7
50%	Vnom	1372.5	359.5	96.5	1372.2	359.5	96.4	1372.0	359.5	96.4	1372.4	359.5	96.5	1372.4	359.5	96.4
75%	Vnom	1760.7	360.1	96.6	1760.6	360.1	96.6	1760.4	360.1	96.6	1760.5	360.1	96.6	1760.6	360.1	96.6
100%	Vnom	2382.2	359.5	96.6	2382.5	359.5	96.6	2383.1	359.5	96.6	2382.7	359.5	96.6	2382.7	359.5	96.6
10%	Vmax	245.3	415.6	87.9	245.1	415.6	87.9	245.7	415.6	88.0	244.8	415.6	87.8	245.0	415.6	87.9
20%	Vmax	547.1	415.5	94.1	547.0	415.5	94.1	547.5	415.5	94.1	546.7	415.5	94.1	546.8	415.5	94.1
30%	Vmax	807.5	416.0	95.4	807.4	416.0	95.4	807.4	416.0	95.4	807.5	416.0	95.4	807.4	416.0	95.4
50%	Vmax	1373.9	416.0	96.4	1373.9	416.0	96.4	1373.9	416.0	96.4	1373.8	416.0	96.4	1374.1	416.0	96.4
75%	Vmax	1999.8	415.9	96.6	1999.9	415.9	96.6	1999.9	415.9	96.6	1999.6	415.9	96.6	1999.7	415.9	96.6
100%	Vmax	2383.8	415.4	96.6	2384.1	415.4	96.6	2384.3	415.4	96.6	2384.1	415.4	96.6	2383.9	415.4	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	245.5	200.2	89.8	245.6	200.2	89.8									
20%	Vmin	547.4	200.2	94.7	547.4	200.2	94.7									
30%	Vmin	806.8	200.2	95.6	806.4	200.1	95.6									
50%	Vmin	1371.6	200.1	96.0	1372.0	200.1	96.0									
75%	Vmin	1755.9	200.1	95.9	1755.8	200.1	95.9									
100%	Vmin	2381.6	200.0	95.3	2381.8	200.0	95.3									
10%	Vnom	246.1	359.8	88.9	246.5	359.7	89.0									
20%	Vnom	547.1	359.7	94.6	547.0	359.7	94.6									
30%	Vnom	806.5	359.6	95.7	806.1	359.6	95.7									
50%	Vnom	1372.8	359.5	96.4	1372.8	359.5	96.4									
75%	Vnom	1760.7	360.1	96.6	1760.6	360.1	96.6									
100%	Vnom	2382.5	359.5	96.6	2382.8	359.5	96.6									
10%	Vmax	244.8	415.6	87.9	245.0	415.6	87.9									
20%	Vmax	546.6	415.5	94.1	546.7	415.5	94.1									
30%	Vmax	807.1	416.0	95.4	807.3	416.0	95.4									
50%	Vmax	1373.7	416.0	96.4	1373.7	416.0	96.4									
75%	Vmax	1999.8	415.9	96.6	1999.8	415.9	96.6									
100%	Vmax	2384.0	415.4	96.6	2383.5	415.4	96.6									