Manufacturer: Power-One, Inc

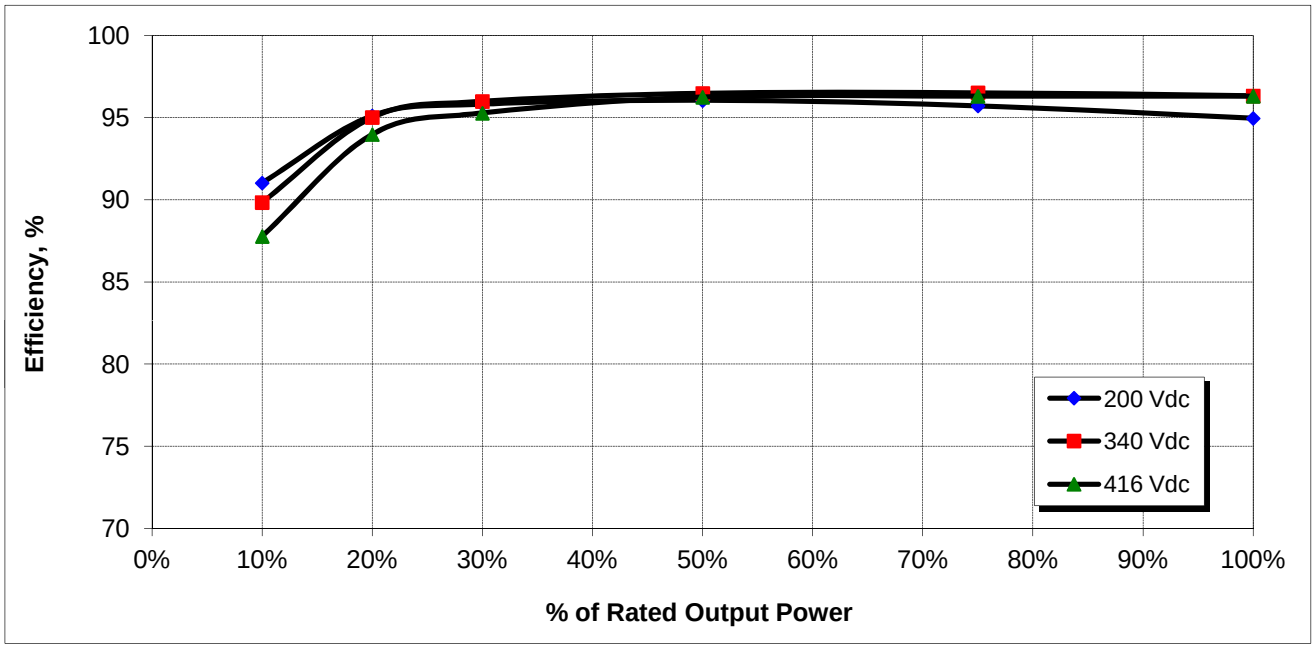
Model #: UNO-2.5-I-OUTD-US (240Vac)

Rated Maximum Continuous Output Power @25°C: 2.5 kW Night Tare Loss: 0.4 W
Rated Maximum Continuous Output Power @40°C: 2.5 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)		0.25	0.50	0.75	1.25	1.88	2.50	Wtd
Vmin	200	91.0	95.1	95.8	96.1	95.7	95.0	95.5
Vnom	340	89.8	95.0	96.0	96.5	96.5	96.3	96.1
Vmax	416	87.8	94.0	95.3	96.3	96.3	96.3	95.7

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	245.0	200.0	91.0	245.3	200.0	91.0	245.1	200.0	91.0	245.2	200.0	91.0	245.1	200.0	91.1
20%	Vmin	547.3	200.1	95.1	547.3	200.1	95.1	547.3	200.1	95.1	547.1	200.0	95.1	547.2	200.0	95.1
30%	Vmin	810.5	200.0	95.8	810.4	200.0	95.8	810.3	200.0	95.8	810.3	200.0	95.8	810.4	200.0	95.8
50%	Vmin	1151.3	199.9	96.1	1151.4	199.9	96.1	1151.1	199.9	96.0	1151.3	199.9	96.1	1151.1	199.9	96.1
75%	Vmin	1753.5	199.8	95.7	1753.7	199.8	95.7	1753.6	199.8	95.7	1753.4	199.9	95.7	1753.6	199.8	95.7
100%	Vmin	2376.9	199.8	95.0	2376.9	199.8	95.0	2376.9	199.8	95.0	2376.6	199.8	94.9	2376.8	199.8	95.0
10%	Vnom	244.6	339.6	89.9	244.7	339.6	89.9	244.3	339.6	89.8	244.6	339.6	89.8	244.6	339.6	89.9
20%	Vnom	546.7	339.5	95.0	546.5	339.5	95.0	546.5	339.6	95.0	546.9	339.5	95.0	546.8	339.6	95.0
30%	Vnom	808.6	339.5	96.0	808.5	339.5	96.0	808.6	339.5	96.0	808.5	339.5	96.0	808.5	339.5	96.0
50%	Vnom	1131.9	339.3	96.5	1131.6	339.3	96.5	1131.9	339.3	96.5	1132.0	339.3	96.5	1131.9	339.3	96.5
75%	Vnom	1758.9	339.8	96.5	1758.8	339.8	96.5	1759.4	339.8	96.5	1759.0	339.8	96.5	1759.6	339.9	96.5
100%	Vnom	2382.8	339.3	96.3	2383.0	339.3	96.3	2382.7	339.3	96.3	2382.7	339.3	96.3	2382.5	339.3	96.3
10%	Vmax	247.7	415.2	87.8	247.9	415.2	87.8	248.1	415.2	87.9	247.7	415.2	87.8	247.2	415.2	87.7
20%	Vmax	547.5	415.2	94.0	547.4	415.2	94.0	547.2	415.2	94.0	547.7	415.2	94.0	547.6	415.2	94.0
30%	Vmax	809.8	415.0	95.3	809.8	415.0	95.3	809.6	415.0	95.3	810.0	415.0	95.3	809.8	415.0	95.3
50%	Vmax	1371.6	415.6	96.3	1371.7	415.6	96.3	1371.9	415.6	96.3	1371.9	415.6	96.2	1371.4	415.6	96.2
75%	Vmax	1998.5	415.6	96.3	1998.1	415.6	96.3	1998.1	415.6	96.3	1997.9	415.6	96.3	1997.7	415.6	96.3
100%	Vmax	2381.6	415.0	96.3	2381.7	415.0	96.3	2381.6	415.0	96.3	2381.5	415.0	96.3	2381.2	415.0	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	245.2	200.0	91.0	245.1	200.0	91.0									
20%	Vmin	547.1	200.1	95.1	547.0	200.0	95.1									
30%	Vmin	810.4	200.0	95.8	810.5	200.0	95.8									
50%	Vmin	1151.1	199.9	96.1	1151.1	199.9	96.1									
75%	Vmin	1753.5	199.8	95.7	1753.4	199.8	95.7									
100%	Vmin	2376.9	199.8	94.9	2376.7	199.8	95.0									
10%	Vnom	244.8	339.6	89.9	244.7	339.6	89.8									
20%	Vnom	547.0	339.6	95.0	547.1	339.6	95.0									
30%	Vnom	808.6	339.5	96.0	808.4	339.5	96.0									
50%	Vnom	1131.9	339.3	96.5	1131.9	339.3	96.5									
75%	Vnom	1759.3	339.9	96.5	1759.4	339.9	96.5									
100%	Vnom	2382.3	339.3	96.3	2382.3	339.3	96.3									
10%	Vmax	247.7	415.2	87.8	247.4	415.2	87.7									
20%	Vmax	547.5	415.2	94.0	547.8	415.2	94.0									
30%	Vmax	809.7	415.0	95.3	809.9	415.0	95.3									
50%	Vmax	1372.0	415.6	96.3	1371.9	415.6	96.3									
75%	Vmax	1998.0	415.6	96.3	1998.3	415.6	96.3									
100%	Vmax	2381.6	415.0	96.3	2381.7	415.0	96.3									