Manufacturer: Schneider

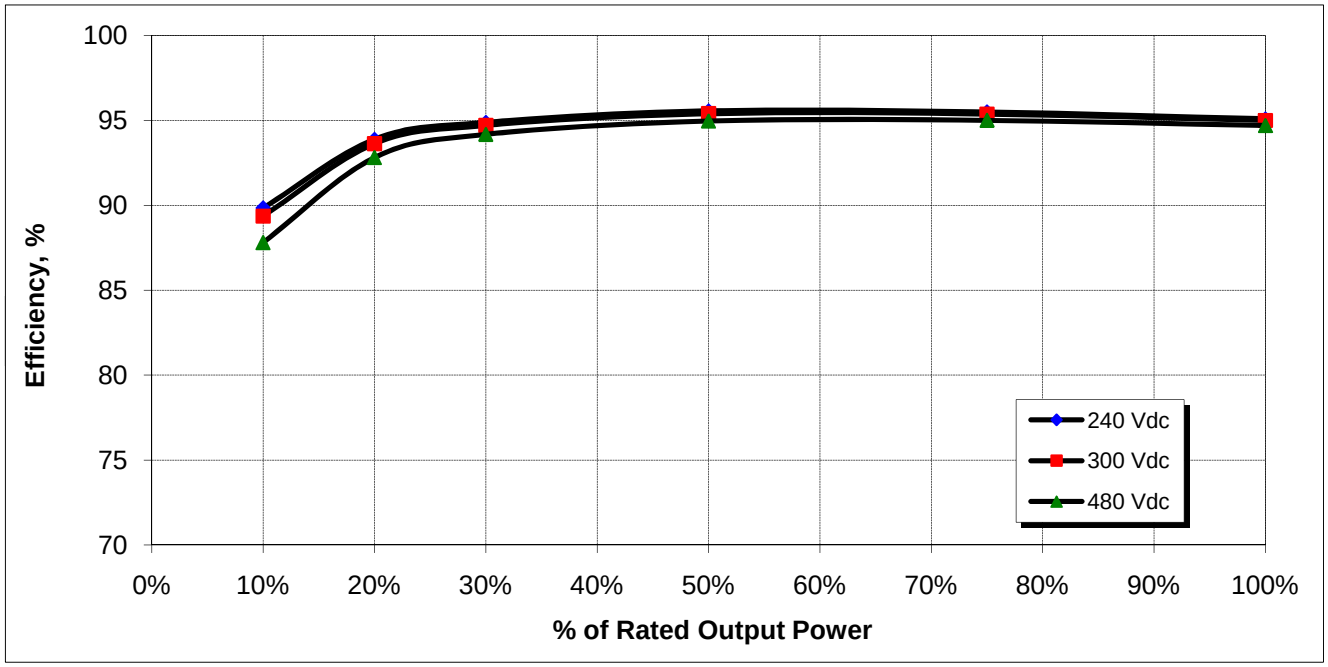
Model #: Conext TX 3300 NA (set to 240V)

Rated Maximum Continuous Output Power @25°C: 3.300 kW Night Tare Loss: -1.22 W
Rated Maximum Continuous Output Power @40°C: 3.300 kW Night Tare Loss: -1.22 W

Vmin: 240 Vdc Vnom: 300 Vdc Vmax: 480 Vdc

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.33	0.66	0.99	1.65	2.48	3.30	Wtd
Vmin	240	89.8	93.9	94.9	95.6	95.5	95.1	95.1
Vnom	300	89.4	93.6	94.7	95.4	95.4	95.0	95.0
Vmax	480	87.8	92.8	94.2	95.0	95.0	94.7	94.5

CEC Efficiency = 95.0%



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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	311.44	240.663	89.84	311.30	240.660	89.83	311.27	240.670	89.83	311.33	240.673	89.83	311.33	240.670	89.83
20%	Vmin	673.12	240.293	93.88	672.96	240.300	93.88	672.87	240.300	93.88	672.82	240.300	93.88	672.90	240.300	93.88
30%	Vmin	1003.63	240.257	94.88	1003.80	240.250	94.88	1003.97	240.253	94.88	1003.97	240.257	94.88	1003.80	240.250	94.88
50%	Vmin	1668.67	240.720	95.56	1668.80	240.720	95.56	1669.00	240.727	95.56	1668.80	240.727	95.56	1668.77	240.720	95.56
75%	Vmin	2476.10	240.777	95.49	2476.07	240.780	95.49	2476.10	240.780	95.49	2476.10	240.780	95.49	2476.13	240.780	95.49
100%	Vmin	3323.87	240.530	95.09	3323.93	240.527	95.09	3323.37	240.520	95.09	3323.50	240.530	95.09	3323.33	240.530	95.09
10%	Vnom	309.44	300.520	89.37	309.27	300.520	89.36	309.27	300.520	89.36	309.18	300.520	89.36	309.27	300.520	89.36
20%	Vnom	669.10	300.287	93.63	669.19	300.280	93.63	669.17	300.280	93.63	669.03	300.280	93.62	669.34	300.280	93.63
30%	Vnom	1000.05	300.467	94.70	999.89	300.470	94.70	999.75	300.470	94.70	999.52	300.470	94.71	999.89	300.473	94.70
50%	Vnom	1664.20	300.323	95.40	1664.13	300.330	95.40	1664.10	300.327	95.40	1664.17	300.330	95.40	1664.17	300.330	95.40
75%	Vnom	2470.80	300.383	95.37	2470.80	300.383	95.37	2470.97	300.387	95.37	2470.90	300.390	95.37	2470.90	300.390	95.37
100%	Vnom	3318.13	300.200	94.99	3318.30	300.200	94.99	3318.13	300.200	95.00	3317.80	300.200	95.00	3317.77	300.203	94.99
10%	Vmax	300.87	479.573	87.79	300.87	479.580	87.79	300.92	479.573	87.80	300.70	479.577	87.79	300.99	479.573	87.79
20%	Vmax	662.38	479.500	92.81	662.26	479.500	92.81	662.27	479.500	92.81	662.33	479.500	92.80	662.50	479.500	92.81
30%	Vmax	988.87	479.303	94.18	988.71	479.307	94.17	989.03	479.300	94.18	989.06	479.297	94.18	988.95	479.300	94.18
50%	Vmax	1653.30	479.537	94.96	1653.40	479.540	94.96	1653.27	479.537	94.97	1653.43	479.530	94.96	1653.47	479.530	94.96
75%	Vmax	2462.70	479.370	95.01	2462.73	479.367	95.01	2462.37	479.367	95.01	2462.43	479.363	95.01	2462.63	479.363	95.01
100%	Vmax	3306.03	479.610	94.70	3305.37	479.610	94.69	3305.77	479.610	94.69	3305.87	479.610	94.70	3305.73	479.617	94.70

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	311.41	240.670	89.84	311.4133	240.670	89.83									
20%	Vmin	672.84	240.300	93.89	672.77	240.300	93.88									
30%	Vmin	1003.83	240.250	94.88	1003.767	240.253	94.88									
50%	Vmin	1668.80	240.720	95.56	1668.667	240.727	95.56									
75%	Vmin	2476.30	240.780	95.49	2476.433	240.780	95.50									
100%	Vmin	3323.47	240.530	95.09	3323.267	240.530	95.08									
10%	Vnom	309.39	300.520	89.36	309.16	300.523	89.35									
20%	Vnom	669.17	300.283	93.63	669.15	300.280	93.63									
30%	Vnom	999.76	300.470	94.70	999.53	300.470	94.71									
50%	Vnom	1664.20	300.330	95.40	1664.333	300.330	95.41									
75%	Vnom	2471.00	300.390	95.37	2471	300.390	95.37									
100%	Vnom	3318.00	300.203	94.99	3318.067	300.200	94.99									
10%	Vmax	301.09	479.570	87.80	301.1733	479.570	87.81									
20%	Vmax	662.35	479.500	92.81	662.18	479.503	92.80									
30%	Vmax	989.01	479.300	94.18	988.8667	479.300	94.18									
50%	Vmax	1653.30	479.530	94.96	1653.4	479.530	94.96									
75%	Vmax	2462.87	479.360	95.01	2462.767	479.367	95.02									
100%	Vmax	3305.73	479.610	94.70	3305.833	479.610	94.70									