Manufacturer: Schneider

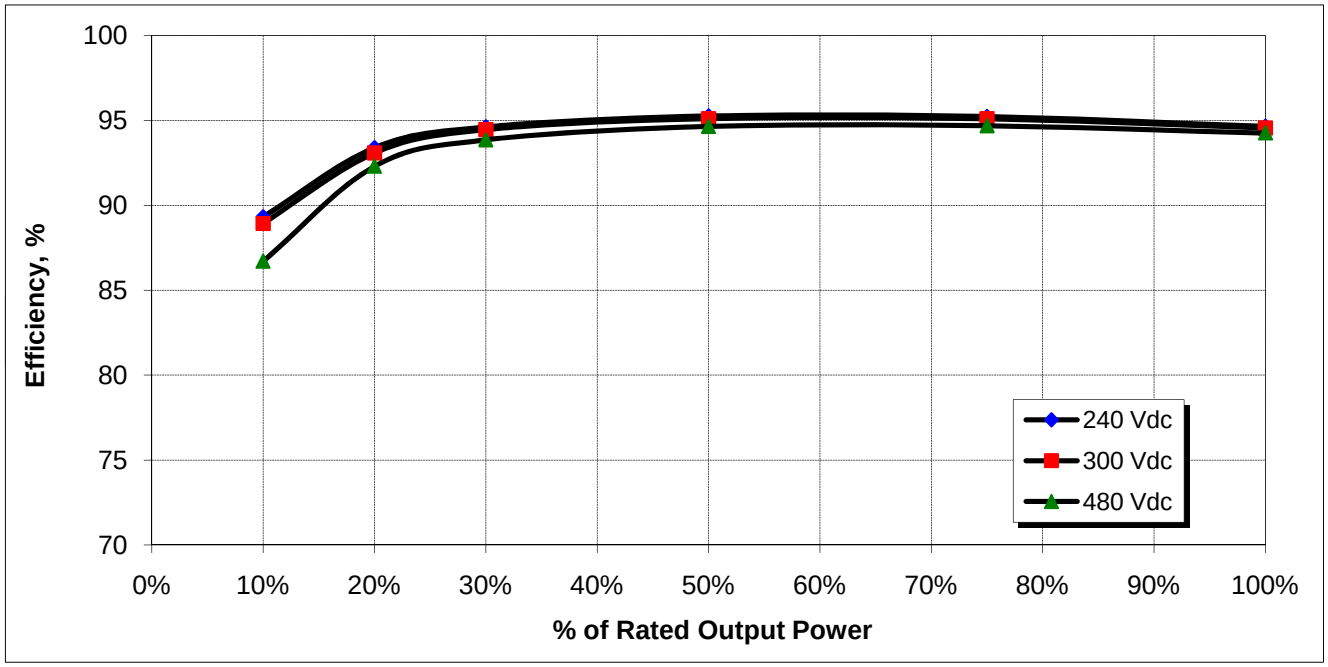
Model #: Conext TX 3300 NA (set to 208V)

Rated Maximum Continuous Output Power @25°C: 3.100 kW Night Tare Loss: -0.96 W
Rated Maximum Continuous Output Power @40°C: 3.100 kW Night Tare Loss: -0.96 W

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

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.31	0.62	0.93	1.55	2.33	3.10	Wtd
Vmin	240	89.3	93.4	94.6	95.3	95.2	94.7	94.8
Vnom	300	88.9	93.1	94.5	95.1	95.1	94.6	94.6
Vmax	480	86.7	92.3	93.8	94.6	94.7	94.2	94.1

CEC Efficiency = 94.5%



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)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(kW)	(Vdc)	(%)	(W)	(Vdc)	(%)
10%	Vmin	290.05	240.840	89.27	289.30	240.850	89.24	289.12	240.850	89.24	293.03	240.840	89.34	295.79	240.840	89.41
20%	Vmin	610.51	240.517	93.39	611.02	240.517	93.39	611.80	240.517	93.40	609.74	240.517	93.38	612.33	240.520	93.40
30%	Vmin	948.85	240.313	94.61	950.30	240.320	94.62	950.25	240.320	94.62	950.12	240.317	94.62	946.53	240.327	94.61
50%	Vmin	1563.50	240.327	95.26	1563.77	240.327	95.26	1565.93	240.327	95.26	1566.40	240.330	95.27	1567.17	240.327	95.27
75%	Vmin	2329.43	240.497	95.23	2331.43	240.490	95.23	2334.40	240.490	95.23	2334.10	240.493	95.23	2334.10	240.497	95.24
100%	Vmin	3170.20	240.670	94.65	3169.43	240.667	94.66	3170.93	240.670	94.65	3169.10	240.670	94.65	3168.07	240.670	94.66
10%	Vnom	289.82	300.793	89.03	288.70	300.790	89.00	287.72	300.797	88.97	287.85	300.797	88.98	285.74	300.797	88.90
20%	Vnom	607.76	300.693	93.10	605.01	300.693	93.07	603.02	300.697	93.06	604.60	300.693	93.07	605.77	300.693	93.08
30%	Vnom	944.06	300.370	94.46	945.75	300.370	94.46	944.87	300.363	94.46	945.98	300.360	94.46	947.45	300.363	94.46
50%	Vnom	1566.60	300.413	95.11	1564.60	300.417	95.11	1565.40	300.413	95.11	1565.07	300.410	95.11	1563.43	300.410	95.11
75%	Vnom	2318.17	300.397	95.09	2318.13	300.390	95.10	2320.03	300.393	95.09	2315.93	300.397	95.10	2319.23	300.390	95.10
100%	Vnom	3160.43	300.330	94.55	3159.13	300.330	94.55	3160.63	300.340	94.55	3159.97	300.340	94.55	3156.43	300.337	94.55
10%	Vmax	266.80	479.360	86.63	266.39	479.360	86.61	266.29	479.363	86.62	267.11	479.360	86.63	270.10	479.360	86.73
20%	Vmax	610.38	479.480	92.28	613.44	479.480	92.30	613.55	479.480	92.30	614.09	479.480	92.30	614.00	479.470	92.30
30%	Vmax	927.51	479.370	93.84	927.82	479.370	93.84	930.00	479.370	93.85	930.88	479.367	93.85	933.64	479.363	93.86
50%	Vmax	1552.97	479.530	94.64	1555.03	479.527	94.63	1553.70	479.530	94.63	1552.23	479.523	94.64	1552.03	479.520	94.63
75%	Vmax	2307.10	479.450	94.65	2308.47	479.450	94.66	2308.70	479.443	94.67	2307.57	479.440	94.68	2309.23	479.440	94.69
100%	Vmax	3153.70	479.690	94.25	3154.27	479.683	94.25	3155.50	479.687	94.25	3157.13	479.680	94.25	3155.47	479.680	94.25

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	293.46	240.843	89.36	294.203	240.840	89.37									
20%	Vmin	612.48	240.520	93.40	611.407	240.520	93.39									
30%	Vmin	946.20	240.330	94.61	947.97	240.330	94.61									
50%	Vmin	1567.80	240.323	95.27	1567.13	240.330	95.27									
75%	Vmin	2335.77	240.497	95.24	2332.2	240.493	95.24									
100%	Vmin	3169.07	240.663	94.65	3172.6	240.670	94.66									
10%	Vnom	284.19	300.800	88.84	282.373	300.800	88.77									
20%	Vnom	606.26	300.693	93.08	606.837	300.697	93.08									
30%	Vnom	941.80	300.370	94.45	942.32	300.370	94.45									
50%	Vnom	1562.80	300.413	95.11	1565.03	300.413	95.11									
75%	Vnom	2320.97	300.390	95.10	2321.7	300.390	95.10									
100%	Vnom	3155.33	300.340	94.55	3158.5	300.337	94.55									
10%	Vmax	273.84	479.360	86.85	273.287	479.357	86.84									
20%	Vmax	609.75	479.477	92.27	611.01	479.480	92.28									
30%	Vmax	934.07	479.360	93.86	933.897	479.363	93.86									
50%	Vmax	1553.07	479.523	94.64	1555.27	479.520	94.64									
75%	Vmax	2312.33	479.437	94.71	2311.47	479.440	94.71									
100%	Vmax	3156.13	479.680	94.25	3158.4	479.687	94.25									