Manufacturer: Schneider

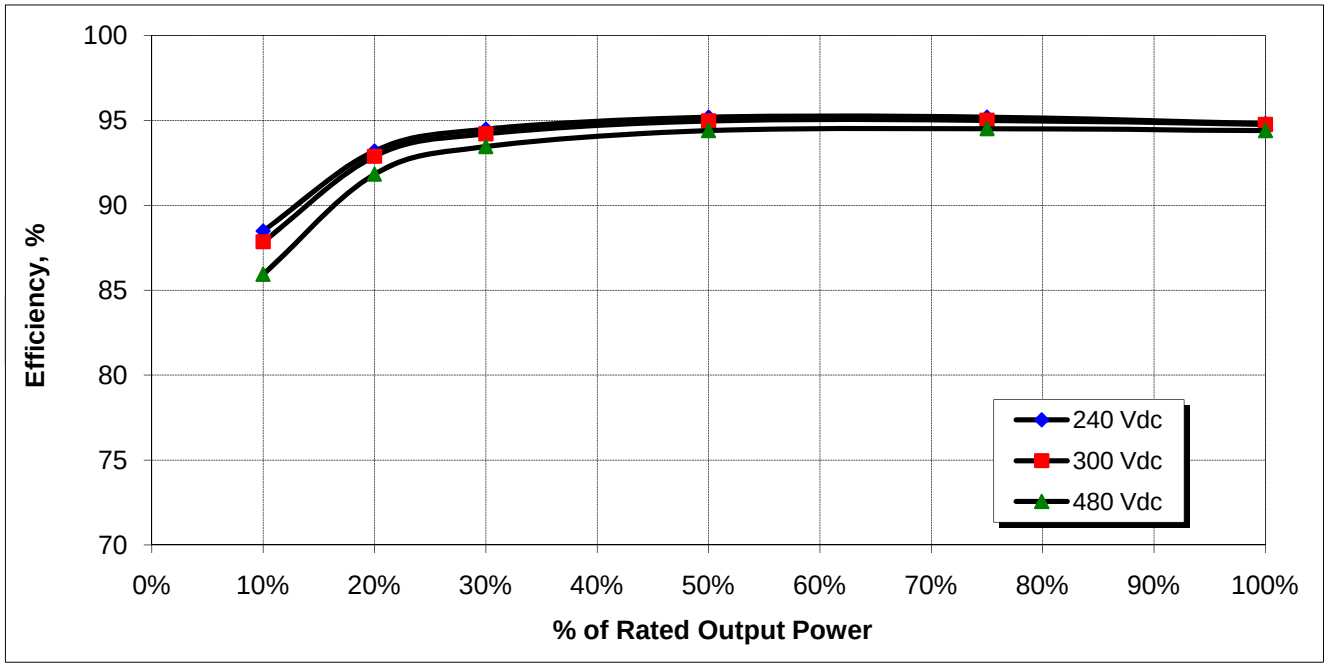
Model #: Conext TX 2800 NA (Set for 208 V)

Rated Maximum Continuous Output Power @25°C: 2.650 kW Night Tare Loss: -1.23 W
Rated Maximum Continuous Output Power @40°C: 2.650 kW Night Tare Loss: -1.23 W

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

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.27	0.53	0.80	1.33	1.99	2.65	Wtd
Vmin	240	88.5	93.2	94.5	95.2	95.2	94.8	94.7
Vnom	300	87.9	92.9	94.2	95.0	95.0	94.8	94.5
Vmax	480	85.9	91.8	93.5	94.4	94.5	94.4	93.9

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	240.16	240.683	88.28	243.61	240.690	88.39	249.23	240.683	88.58	247.34	240.687	88.52	245.78	240.687	88.47
20%	Vmin	533.33	240.600	93.20	532.58	240.603	93.19	534.08	240.603	93.20	536.71	240.607	93.22	533.19	240.610	93.19
30%	Vmin	800.73	240.367	94.49	803.62	240.370	94.50	801.25	240.373	94.49	800.58	240.380	94.49	799.92	240.380	94.49
50%	Vmin	1332.30	240.633	95.20	1329.33	240.640	95.20	1330.00	240.650	95.19	1332.50	240.647	95.20	1328.17	240.650	95.20
75%	Vmin	2006.67	240.797	95.20	2004.70	240.800	95.20	2002.33	240.800	95.20	2002.20	240.810	95.20	2003.80	240.810	95.20
100%	Vmin	2656.37	240.590	94.81	2652.30	240.597	94.82	2649.23	240.590	94.82	2652.60	240.593	94.82	2654.30	240.590	94.81
10%	Vnom	247.93	300.143	87.97	247.84	300.140	87.97	247.64	300.143	87.95	241.36	300.143	87.73	241.87	300.147	87.75
20%	Vnom	535.80	300.323	92.89	535.01	300.320	92.88	536.26	300.320	92.89	535.11	300.317	92.88	535.57	300.320	92.89
30%	Vnom	794.86	300.240	94.20	796.21	300.240	94.20	800.73	300.237	94.22	799.33	300.237	94.21	798.95	300.240	94.21
50%	Vnom	1320.40	300.290	94.96	1316.37	300.293	94.96	1318.57	300.293	94.96	1318.07	300.297	94.96	1319.03	300.293	94.96
75%	Vnom	1994.30	300.730	95.00	1992.33	300.730	95.00	1991.83	300.733	95.00	1991.23	300.737	95.00	1991.33	300.733	95.00
100%	Vnom	2660.07	300.450	94.76	2654.23	300.457	94.76	2648.57	300.460	94.76	2647.57	300.460	94.76	2650.67	300.460	94.76
10%	Vmax	233.71	479.333	85.87	235.94	479.330	85.95	236.00	479.323	85.95	234.87	479.327	85.91	235.79	479.320	85.94
20%	Vmax	521.20	479.303	91.78	521.65	479.310	91.79	521.08	479.300	91.78	529.31	479.300	91.86	529.90	479.297	91.86
30%	Vmax	793.82	479.330	93.46	794.16	479.320	93.46	792.99	479.320	93.46	793.31	479.320	93.46	790.64	479.320	93.45
50%	Vmax	1318.37	479.283	94.39	1318.33	479.283	94.38	1319.33	479.280	94.39	1319.43	479.280	94.39	1319.97	479.283	94.39
75%	Vmax	1989.57	479.300	94.51	1990.03	479.297	94.51	1987.30	479.300	94.51	1989.47	479.290	94.51	1985.10	479.300	94.51
100%	Vmax	2640.30	479.140	94.38	2640.30	479.140	94.39	2644.20	479.140	94.39	2650.80	479.140	94.39	2646.77	479.137	94.39

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	249.09	240.687	88.58	247.413	240.687	88.51									
20%	Vmin	531.89	240.610	93.18	531.48	240.603	93.18									
30%	Vmin	800.14	240.387	94.48	798.54	240.390	94.47									
50%	Vmin	1325.17	240.650	95.19	1326.53	240.650	95.19									
75%	Vmin	2003.30	240.810	95.20	2005.3	240.810	95.20									
100%	Vmin	2654.33	240.600	94.81	2655.53	240.597	94.81									
10%	Vnom	244.10	300.143	87.83	242.343	300.147	87.76									
20%	Vnom	535.22	300.317	92.88	535.387	300.317	92.88									
30%	Vnom	799.84	300.240	94.21	798.74	300.240	94.21									
50%	Vnom	1323.93	300.293	94.97	1326.57	300.290	94.97									
75%	Vnom	1990.90	300.730	95.00	1990.67	300.733	95.00									
100%	Vnom	2646.93	300.460	94.76	2642.13	300.460	94.76									
10%	Vmax	236.33	479.327	85.96	235.123	479.320	85.91									
20%	Vmax	528.44	479.297	91.85	530.08	479.293	91.87									
30%	Vmax	790.03	479.320	93.44	785.713	479.320	93.42									
50%	Vmax	1319.50	479.273	94.39	1315.9	479.280	94.39									
75%	Vmax	1987.03	479.290	94.51	1986.03	479.290	94.51									
100%	Vmax	2646.20	479.133	94.39	2651.37	479.137	94.39									