Manufacturer: Schneider

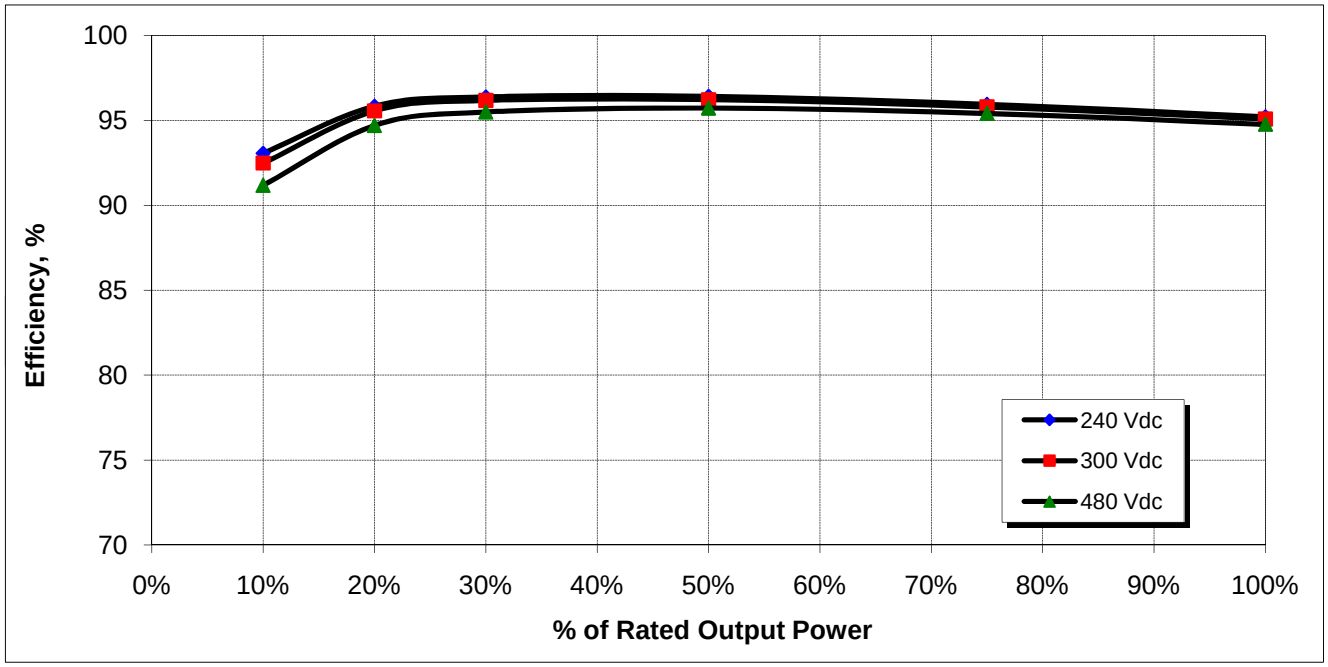
Model #: Conext TX 5000 NA (Set for 208 V)

Rated Maximum Continuous Output Power @25°C: 4.500 kW Night Tare Loss: -0.98 W
Rated Maximum Continuous Output Power @40°C: 4.500 kW Night Tare Loss: -0.98 W

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

		Power Level (%; kW)						
		10%	20%	30%	50%	75%	100%	
Input Voltage (Vdc)		0.45	0.90	1.35	2.25	3.38	4.50	Wtd
Vmin	240	93.1	95.8	96.4	96.4	95.9	95.2	95.9
Vnom	300	92.5	95.6	96.2	96.2	95.8	95.1	95.7
Vmax	480	91.2	94.7	95.5	95.7	95.4	94.8	95.2

CEC Efficiency = 95.5%



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	407.97	240.920	93.01	410.16	240.920	93.03	409.70	240.927	93.03	416.20	240.920	93.10	414.14	240.923	93.07
20%	Vmin	925.51	240.820	95.82	927.87	240.820	95.83	927.55	240.820	95.83	927.73	240.820	95.83	932.37	240.810	95.84
30%	Vmin	1361.03	240.857	96.37	1367.60	240.850	96.37	1367.17	240.860	96.37	1373.40	240.853	96.37	1384.20	240.850	96.39
50%	Vmin	2249.57	240.703	96.41	2245.83	240.710	96.41	2238.43	240.710	96.41	2246.90	240.710	96.42	2249.10	240.710	96.41
75%	Vmin	3365.90	240.993	95.94	3356.97	240.990	95.94	3363.17	240.990	95.94	3364.13	240.990	95.94	3359.73	240.990	95.94
100%	Vmin	4475.23	240.943	95.22	4483.10	240.947	95.22	4517.63	240.930	95.21	4511.23	240.930	95.21	4503.80	240.927	95.22
10%	Vnom	397.61	300.200	92.41	395.75	300.200	92.39	401.29	300.200	92.47	402.51	300.200	92.48	404.10	300.200	92.50
20%	Vnom	923.95	300.590	95.55	929.95	300.587	95.57	924.97	300.590	95.56	924.11	300.590	95.56	923.64	300.590	95.55
30%	Vnom	1366.80	300.130	96.17	1369.93	300.130	96.18	1375.63	300.130	96.18	1369.60	300.130	96.18	1369.00	300.130	96.18
50%	Vnom	2329.93	300.203	96.22	2336.43	300.200	96.22	2338.47	300.200	96.22	2335.63	300.200	96.22	2331.33	300.200	96.22
75%	Vnom	3405.43	300.320	95.79	3399.83	300.320	95.79	3404.20	300.320	95.79	3399.80	300.323	95.80	3405.13	300.330	95.80
100%	Vnom	4552.20	300.867	95.08	4550.93	300.907	95.08	4548.97	300.913	95.08	4551.73	300.910	95.08	4553.27	300.910	95.08
10%	Vmax	404.16	479.400	91.07	410.32	479.390	91.14	411.90	479.397	91.15	420.74	479.387	91.24	419.45	479.380	91.23
20%	Vmax	902.33	479.370	94.69	907.26	479.370	94.70	908.16	479.370	94.70	904.27	479.370	94.69	908.43	479.370	94.70
30%	Vmax	1350.57	479.330	95.50	1352.83	479.330	95.50	1347.30	479.330	95.49	1347.30	479.330	95.49	1345.37	479.330	95.49
50%	Vmax	2281.03	479.437	95.72	2282.17	479.440	95.72	2282.17	479.433	95.72	2286.10	479.440	95.72	2280.80	479.440	95.72
75%	Vmax	3357.83	479.090	95.41	3365.13	479.083	95.41	3366.00	479.080	95.41	3363.43	479.087	95.41	3362.97	479.080	95.41
100%	Vmax	4568.70	479.120	94.77	4566.13	479.120	94.77	4562.97	479.120	94.77	4572.30	479.120	94.77	4569.53	479.113	94.77

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	413.08	240.923	93.07	415.46	240.920	93.10									
20%	Vmin	929.25	240.817	95.83	933.423	240.820	95.84									
30%	Vmin	1387.23	240.850	96.38	1388.2	240.850	96.39									
50%	Vmin	2249.37	240.710	96.42	2249.7	240.710	96.42									
75%	Vmin	3362.70	240.990	95.94	3361.53	240.993	95.94									
100%	Vmin	4513.23	240.920	95.22	4515.57	240.920	95.21									
10%	Vnom	407.86	300.200	92.55	410	300.200	92.61									
20%	Vnom	926.52	300.590	95.56	927.433	300.590	95.56									
30%	Vnom	1368.10	300.130	96.17	1362.13	300.133	96.17									
50%	Vnom	2327.10	300.203	96.22	2322.33	300.210	96.22									
75%	Vnom	3412.57	300.330	95.79	3408.97	300.330	95.80									
100%	Vnom	4552.60	300.917	95.08	4550.1	300.910	95.08									
10%	Vmax	421.42	479.390	91.25	411.49	479.390	91.15									
20%	Vmax	905.52	479.370	94.69	904.2	479.370	94.69									
30%	Vmax	1346.57	479.330	95.49	1342.3	479.330	95.49									
50%	Vmax	2277.00	479.440	95.72	2279.13	479.440	95.73									
75%	Vmax	3361.10	479.080	95.41	3369.3	479.083	95.41									
100%	Vmax	4572.57	479.113	94.77	4567.13	479.110	94.77									