

# Discharge data for FNC A -X-cells

1.14 V / cell		Discharge current in Ampère													
FNC-A Type	Discharge Time														
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr	5 hr	8 hr	
FNC-A 32 X	32	270	242.5	227.5	195	165	105	80	60	48.9	35.5	28	6.4	3.9	
FNC-A 48 X	48	405	363.7	341.2	292.5	247.5	157.5	120	90	73.3	53.3	42	9.6	5.9	
FNC-A 64 X	64	493.9	424.3	389.5	340.8	299.1	201.7	153	114.2	94.2	65.6	52.2	12.8	7.8	
FNC-A 80 X	80	617.3	530.4	486.9	426.1	373.9	252.1	191.3	142.8	117.8	82.1	65.3	16.0	9.8	
FNC-A 95 X	95	740.8	636.5	584.3	511.3	448.7	302.6	229.5	171.4	141.4	98.5	78.4	19.0	11.6	
FNC-A 110 X	110	799.8	705.6	645.8	588.8	493.8	344.9	266.3	203.5	165	115	91.4	22.0	13.5	
FNC-A 125 X	125	858.9	774.7	707.3	606.3	538.9	387.3	303.1	235.7	188.5	131.4	104.5	25.0	15.3	
FNC-A 140 X	140	917.9	843.8	768.8	653.8	584	429.6	339.7	267.8	225	161.4	127.8	28.0	17.2	
FNC-A 150 X	150	947.4	878.3	799.5	677.5	606.5	450.8	358	283.9	237.5	170.4	135	30.0	18.4	
FNC-A 160 X	160	977	912.9	830.3	701.3	629.1	472	376.4	300	250	179.4	142.1	32.0	19.6	
FNC-A 170 X	170	1006.5	947.4	861	725.1	651.6	493.2	394.8	316.1	262.5	188.3	149.2	34.0	20.8	

1.10 V / cell		Discharge current in Ampère													
FNC-A Type	Discharge Time														
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr	5 hr	8 hr	
FNC-A 32 X	32	312.5	280	265	227.5	200	132.5	100	71.1	55.5	40	29.2	6.4	3.9	
FNC-A 48 X	48	468.8	420	397.5	341.2	300	198.8	150	106.6	83.3	60	43.5	9.6	5.9	
FNC-A 64 X	64	584.3	507.8	480	403.4	354.7	236.5	180.8	134.2	108.5	74.2	54.2	12.8	7.9	
FNC-A 80 X	80	730.4	634.7	600	504.3	443.4	295.6	226.1	167.8	135.6	92.8	67.7	16.0	9.9	
FNC-A 95 X	95	876.5	761.7	720	605.2	532.1	354.7	271.3	201.4	162.8	111.4	81.3	19.0	11.8	
FNC-A 110 X	110	923.3	827.1	781	668.9	594.4	421.5	329.3	239.6	190	130	94.9	22.0	13.6	
FNC-A 125 X	125	970.2	892.6	842.1	732.6	656.8	488.4	387.3	277.8	217.1	148.5	108.4	25.0	15.4	
FNC-A 140 X	140	1017	958	903.1	796.3	719.1	555.2	445.3	316	251.4	174.7	131	28.0	17.3	
FNC-A 150 X	150	1040.4	990.7	933.6	828.1	750.3	588.6	474.3	335.1	265.4	184.4	138.3	30.0	18.6	
FNC-A 160 X	160	1063.9	1023.5	964.2	860	781.5	622.1	503.3	354.2	279.4	194.1	145.6	32.0	19.8	
FNC-A 170 X	170	1087.3	1056.2	994.7	891.8	812.6	655.5	532.3	373.3	293.3	203.8	152.9	34.0	21.0	

1.05 V / cell Discharge current in Ampère

FNC-A Type	Discharge Time													
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr	5 hr	8 hr
FNC-A 32 X	32	367.5	330	310	270	240	162.5	117.5	80	62.2	40.8	29.6	6.4	4.0
FNC-A 48 X	48	551.25	495	465	405	360	243.8	176.2	120	93.3	61.3	44.5	9.6	6.0
FNC-A 64 X	64	746.6	598.2	563.4	486.9	438.2	295.6	220	154.2	120	77.1	55.2	12.8	8.0
FNC-A 80 X	80	933.3	747.8	704.3	608.7	547.8	369.5	275	192.8	150	96.4	69	16.0	10.0
FNC-A 95 X	95	1120	897.3	845.2	730.4	657.3	443.4	330	231.4	180	115.7	82.8	19.0	11.9
FNC-A 110 X	110	1124.2	953.9	902.6	790.4	724.4	508	400.7	284.1	210	135	96.6	22.0	13.8
FNC-A 125 X	125	1128.4	1010.5	960	850.5	791.5	572.6	471.5	336.8	240	154.2	110.4	25.0	15.6
FNC-A 140 X	140	1132.6	1067.1	1017.4	910.5	858.6	637.2	542.2	389.5	288.5	190.5	132.3	28.0	17.5
FNC-A 150 X	150	1134.7	1095.4	1046.1	940.5	892.1	669.5	577.6	415.8	304.5	201.1	139.6	30.0	18.8
FNC-A 160 X	160	1136.8	1123.7	1074.8	970.6	925.7	701.8	613	442.2	320.5	211.7	147	32.0	20.0
FNC-A 170 X	170	1138.9	1152	1103.5	1000.6	959.25	734.1	648.3	468.5	336.6	222.3	154.3	34.0	21.3

1.00 V / cell Discharge current in Ampère

FNC-A Type	Discharge Time													
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr	5 hr	8 hr
FNC-A 32 X	32	427.5	380	360	312.5	275	190	132.5	86.6	63.1	41.7	29.9	6.4	4.0
FNC-A 48 X	48	641.2	570	540	468.7	412	285	198.8	130	94.6	62.6	45.8	9.6	6.0
FNC-A 64 X	64	772.1	716.5	667.8	584.3	521.7	354.7	254.2	171.4	131.4	82.8	55.6	12.8	8.0
FNC-A 80 X	80	965.2	895.6	834.7	730.4	652.1	443.4	317.8	214.2	164.2	103.5	69.5	16	10.0
FNC-A 95 X	95	1158.2	1074.7	1001.7	876.5	782.6	532.1	381.4	257.1	197.1	124.2	83.4	19	11.9
FNC-A 110 X	110	1278	1177.3	1098.7	960.2	871.3	615.5	460.1	318	230	145	97.3	22	13.8
FNC-A 125 X	125	1397.8	1280	1195.7	1044.2	960	698.9	538.9	378.9	262.8	165.7	111.2	25	15.6
FNC-A 140 X	140	1517.6	1382.6	1292.7	1127.9	1046.7	782.3	617.6	439.8	322.9	203.8	133.5	28	17.5
FNC-A 150 X	150	1577.5	1433.9	1341.2	1169.8	1090	824	657	470.2	340.8	215.1	141	30	18.8
FNC-A 160 X	160	1637.4	1485.3	1389.7	1211.7	1133.4	865.7	696.4	500.7	358.8	226.4	148.4	32	20.0
FNC-A 170 X	170	1697.3	1536.6	1438.2	1253.5	1176.7	907.4	735.7	531.1	376.7	237.7	155.8	34	21.3

0.85 V / cell		Discharge current in Ampère										
FNC-A Type	Discharge Time											
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr
FNC-A 32 X	32	525	492.5	477.5	445	407.5	260	160	91.1	64.8	43.1	29.9
FNC-A 48 X	48	787.5	738.7	716.2	667.5	611.2	390	240	136.6	97.3	64.6	45.8
FNC-A 64 X	64	925.4	897.8	877.1	808	730.4	438.2	278.2	188.5	142.8	88.5	60
FNC-A 80 X	80	1156.8	1122.3	1096.4	1010	913	547.8	347.8	235.6	178.5	110.6	75
FNC-A 95 X	95	1388.2	1346.7	1315.6	1212	1095.6	657.3	417.4	282.8	214.2	132.8	90
FNC-A 110 X	110	1654.1	1600	1533.5	1401.7	1288.8	808.6	528.7	356.1	250	155	105
FNC-A 125 X	125	1920	1852.6	1751.5	1591.5	1482.1	960	640	429.4	285.7	177.1	120
FNC-A 140 X	140	2185	2105	1969	1781	1675	1111	740	502	360	217	134.8
FNC-A 150 X	150	2318	2231	2078	1876	1771	1187	780	539.3	380	229.1	142.3
FNC-A 160 X	160	2451	2357	2187	1971	1868	1262	820	576	400	241.1	149.8
FNC-A 170 X	170	2584	2484	2296	2065	1965	1338	860	612.6	420	253.2	157.3

0.65 V / cell		Discharge current in Ampère										
FNC-A Type	Discharge Time											
	C <sub>5</sub>	1 sec.	5 sec	10 sec	30 sec.	1 min.	5 min.	10 min.	20 min.	30 min.	45 min.	1 hr
FNC-A 32 X	32	695	672.5	660	620	547.5	302.5	164	93.3	66.6	44.4	30.1
FNC-A 48 X	48	1042.5	1008.7	990	930	821.2	453.7	246	140	100	66.6	56.6
FNC-A 64 X	64	1050	1022	1001	960	911.6	549.5	313	194.2	145.6	91.4	69.6
FNC-A 80 X	80	1313	1278.2	1252	1200	1139.5	686.9	391.3	242.8	182.1	114.2	82.7
FNC-A 95 X	95	1575.6	1533.9	1502	1440	1367.4	824.3	469.5	291.4	218.5	137.1	95.7
FNC-A 110 X	110	1865	1819	1795	1717	1635	1026	563	364.6	255	160	108.7
FNC-A 125 X	125	2155.7	2105.2	2088.4	1995.7	1903	1229.4	656.8	437.8	291.4	182.8	121.8
FNC-A 140 X	140	2445	2390	2381	2273	2170	1432	750	511	360	217	134.8
FNC-A 150 X	150	2590	2533	2520	2412	2304	1533	797	547	380	229.1	142.3
FNC-A 160 X	160	2735	2676	2670	2551	2438	1631	844	584	400	241.1	149.8
FNC-A 170 X	170	2880	2819	2805	2690	2572	1735	890	620	420	253.2	157.3

Our products are subject to constant technical development and improvement.

We therefor reserve the right to make modifications.