

# 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	C <sub>5</sub>	Discharge Time										
		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	C <sub>5</sub>	Discharge Time										
		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 therefore reserve the right to make modifications.

The above data is for fully charged batteries based on constant current charging for float charge data contact Hoppecke