

NSB12-310 UPS Battery®

Discharge tables @ 20°C (68°F)



Current / A

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	294.6	339.8	384.9	428.3	452.7	468.0	502.4	529.6	548.4
5	0.08	227.0	251.3	274.4	295.6	307.1	314.2	329.4	340.7	347.7
10	0.17	164.5	177.3	189.0	199.5	205.0	208.3	215.3	220.3	223.0
15	0.25	130.6	138.7	146.1	152.5	155.9	157.9	162.1	164.9	166.4
20	0.33	108.9	114.7	119.8	124.2	126.5	127.9	130.7	132.5	133.4
30	0.50	82.6	85.9	88.8	91.3	92.6	93.4	94.9	95.9	96.3
45	0.75	61.2	63.0	64.6	65.9	66.6	67.0	67.7	68.2	68.4
60	1	48.8	50.0	51.0	51.8	52.2	52.4	52.9	53.2	53.2
120	2	27.5	27.8	28.0	28.2	28.3	28.4	28.5	28.6	28.6
180	3	19.3	19.4	19.5	19.5	19.6	19.6	19.7	19.7	19.7
240	4	14.9	14.9	15.0	15.0	15.0	15.0	15.1	15.1	15.1
300	5	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3
480	8	7.9	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0
600	10	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5
1200	20	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5

Capacity / Ah

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	9.8	11.3	12.8	14.3	15.1	15.6	16.7	17.7	18.3
5	0.08	18.9	20.9	22.9	24.6	25.6	26.2	27.5	28.4	29.0
10	0.17	27.4	29.5	31.5	33.2	34.2	34.7	35.9	36.7	37.2
15	0.25	32.6	34.7	36.5	38.1	39.0	39.5	40.5	41.2	41.6
20	0.33	36.3	38.2	39.9	41.4	42.2	42.6	43.6	44.2	44.5
30	0.50	41.3	42.9	44.4	45.7	46.3	46.7	47.4	47.9	48.1
45	0.75	45.9	47.2	48.4	49.4	49.9	50.2	50.8	51.2	51.3
60	1	48.8	50.0	51.0	51.8	52.2	52.4	52.9	53.2	53.2
120	2	54.9	55.5	56.0	56.4	56.6	56.7	57.0	57.1	57.1
180	3	57.8	58.1	58.4	58.6	58.8	58.8	59.0	59.0	59.1
240	4	59.5	59.7	59.9	60.1	60.1	60.2	60.3	60.3	60.4
300	5	60.8	60.9	61.0	61.1	61.2	61.2	61.3	61.4	61.4
480	8	63.2	63.3	63.4	63.4	63.5	63.5	63.6	63.7	63.8
600	10	64.3	64.4	64.5	64.6	64.7	64.7	64.9	65.0	65.0
1200	20	67.9	68.4	68.8	69.2	69.4	69.6	69.9	70.1	70.3

Power / WPC

Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	549.4	618.2	685.0	747.4	781.8	803.0	849.6	885.1	908.0
5	0.08	429.5	467.0	502.0	533.3	550.0	560.1	581.5	596.8	605.4
10	0.17	314.7	334.7	352.7	368.5	376.7	381.6	391.8	398.6	402.0
15	0.25	251.3	264.2	275.7	285.5	290.6	293.6	299.8	303.8	305.6
20	0.33	210.5	219.7	227.8	234.6	238.2	240.2	244.4	247.1	248.2
30	0.50	160.5	165.9	170.6	174.5	176.5	177.7	180.0	181.5	182.0
45	0.75	119.5	122.5	125.1	127.3	128.3	129.0	130.2	130.9	131.2
60	1	95.8	97.7	99.3	100.7	101.3	101.7	102.5	102.9	103.1
120	2	54.2	54.8	55.2	55.6	55.8	55.9	56.1	56.3	56.3
180	3	38.2	38.4	38.6	38.8	38.8	38.9	39.0	39.1	39.1
240	4	29.6	29.7	29.8	29.9	29.9	29.9	30.0	30.1	30.1
300	5	24.2	24.2	24.3	24.4	24.4	24.4	24.5	24.5	24.5
480	8	15.7	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9
600	10	12.8	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0
1200	20	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.0