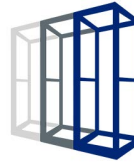


NSB 100FT RED Battery®

Discharge tables @ 20°C (68°F)



SERVERRACK.COM
CUSTOMER FOCUSED SERVER RACKS



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	272.3	399.3	542.1	681.6	753.7	793.7	855.9	854.7	854.7
5	0.08	232.4	287.7	342.1	390.5	414.7	428.1	450.6	455.5	455.5
10	0.17	182.2	206.6	229.1	248.5	258.2	263.6	273.5	277.5	277.5
15	0.25	151.2	165.1	177.7	188.5	193.9	197.0	202.9	206.0	206.0
20	0.33	130.1	139.1	147.1	154.0	157.6	159.6	163.7	166.1	166.8
30	0.50	102.8	107.4	111.5	115.0	116.9	118.0	120.3	122.0	122.9
45	0.75	79.3	81.4	83.4	85.1	86.1	86.7	88.0	89.0	89.8
60	1	65.0	66.2	67.3	68.4	69.0	69.3	70.2	70.9	71.6
120	2	38.6	38.9	39.3	39.6	39.8	39.9	40.2	40.4	40.7
180	3	27.8	28.0	28.2	28.4	28.5	28.6	28.7	28.8	28.9
240	4	21.8	22.0	22.2	22.3	22.4	22.4	22.5	22.6	22.6
300	5	18.0	18.2	18.3	18.5	18.5	18.6	18.6	18.6	18.7
480	8	11.9	12.0	12.2	12.3	12.3	12.3	12.4	12.4	12.4
600	10	9.7	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.1
1200	20	5.1	5.2	5.3	5.3	5.4	5.4	5.4	5.4	5.4

Capacity / Ah

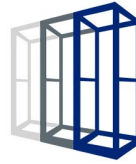
Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	9.1	13.3	18.1	22.7	25.1	26.5	28.5	28.5	28.5
5	0.08	19.4	24.0	28.5	32.5	34.6	35.7	37.6	38.0	38.0
10	0.17	30.4	34.4	38.2	41.4	43.0	43.9	45.6	46.2	46.2
15	0.25	37.8	41.3	44.4	47.1	48.5	49.2	50.7	51.5	51.5
20	0.33	43.4	46.4	49.0	51.3	52.5	53.2	54.6	55.4	55.6
30	0.50	51.4	53.7	55.7	57.5	58.4	59.0	60.2	61.0	61.5
45	0.75	59.4	61.1	62.5	63.8	64.6	65.0	66.0	66.8	67.4
60	1	65.0	66.2	67.3	68.4	69.0	69.3	70.2	70.9	71.6
120	2	77.2	77.9	78.5	79.2	79.5	79.8	80.3	80.9	81.4
180	3	83.4	84.1	84.7	85.2	85.5	85.7	86.1	86.5	86.8
240	4	87.3	88.1	88.7	89.3	89.6	89.7	90.1	90.4	90.5
300	5	90.1	91.0	91.7	92.3	92.6	92.8	93.1	93.2	93.3
480	8	95.2	96.4	97.3	98.1	98.4	98.6	98.9	98.9	98.9
600	10	97.3	98.6	99.7	100.5	100.9	101.1	101.3	101.3	101.3
1200	20	102.9	104.4	105.7	106.7	107.1	107.3	107.7	107.7	107.7

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	479.1	659.2	849.6	1025.4	1112.3	1159.0	1227.0	1216.5	1216.5
5	0.08	424.3	507.0	585.2	652.5	685.0	702.7	731.1	734.7	734.7
10	0.17	340.6	378.2	412.1	440.6	454.5	462.2	475.7	480.3	480.3
15	0.25	286.1	307.9	327.2	343.5	351.5	356.0	364.5	368.5	368.5
20	0.33	248.2	262.4	274.9	285.5	290.8	293.8	299.8	303.2	303.9
30	0.50	198.2	205.5	211.9	217.5	220.3	222.1	225.6	228.0	229.3
45	0.75	154.1	157.6	160.8	163.5	165.0	166.0	168.0	169.6	170.8
60	1	127.1	129.1	130.9	132.6	133.5	134.1	135.4	136.6	137.6
120	2	76.4	77.0	77.5	78.0	78.3	78.5	79.0	79.4	79.8
180	3	55.3	55.7	56.0	56.3	56.5	56.6	56.8	57.0	57.2
240	4	43.6	43.9	44.2	44.4	44.5	44.6	44.8	44.8	44.9
300	5	36.1	36.4	36.6	36.8	36.9	37.0	37.1	37.1	37.1
480	8	23.9	24.2	24.4	24.5	24.6	24.6	24.7	24.7	24.7
600	10	19.6	19.8	20.0	20.1	20.2	20.2	20.3	20.2	20.2
1200	20	10.4	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.8

NSB 100FT RED Battery®

Discharge tables @ 25°C (77°F)



SERVERRACK.COM
CUSTOMER FOCUSED SERVER RACKS



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	302.2	443.1	601.6	756.4	836.4	880.7	949.7	948.5	948.5
5	0.08	253.0	313.3	372.5	425.2	451.5	466.1	490.6	495.9	495.9
10	0.17	195.7	222.0	246.2	267.0	277.4	283.3	293.9	298.1	298.1
15	0.25	161.2	176.1	189.5	201.0	206.8	210.1	216.4	219.7	219.8
20	0.33	138.1	147.6	156.1	163.5	167.2	169.4	173.7	176.3	177.1
30	0.50	108.4	113.2	117.5	121.3	123.2	124.4	126.9	128.6	129.6
45	0.75	83.0	85.3	87.3	89.2	90.2	90.8	92.1	93.3	94.1
60	1	67.8	69.0	70.2	71.3	71.9	72.3	73.2	74.0	74.6
120	2	39.9	40.2	40.6	40.9	41.1	41.2	41.5	41.8	42.0
180	3	28.6	28.8	29.0	29.2	29.3	29.4	29.5	29.6	29.7
240	4	22.4	22.5	22.7	22.9	22.9	23.0	23.1	23.1	23.2
300	5	18.4	18.6	18.7	18.9	18.9	18.9	19.0	19.0	19.0
480	8	12.1	12.2	12.4	12.5	12.5	12.5	12.6	12.6	12.6
600	10	9.9	10.0	10.1	10.2	10.2	10.2	10.3	10.3	10.3
1200	20	5.2	5.3	5.3	5.4	5.4	5.4	5.4	5.4	5.4

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	10.1	14.8	20.1	25.2	27.9	29.4	31.7	31.6	31.6
5	0.08	21.1	26.1	31.0	35.4	37.6	38.8	40.9	41.3	41.3
10	0.17	32.6	37.0	41.0	44.5	46.2	47.2	49.0	49.7	49.7
15	0.25	40.3	44.0	47.4	50.3	51.7	52.5	54.1	54.9	54.9
20	0.33	46.0	49.2	52.0	54.5	55.7	56.5	57.9	58.8	59.0
30	0.50	54.2	56.6	58.8	60.6	61.6	62.2	63.4	64.3	64.8
45	0.75	62.3	64.0	65.5	66.9	67.6	68.1	69.1	69.9	70.6
60	1	67.8	69.0	70.2	71.3	71.9	72.3	73.2	74.0	74.6
120	2	79.8	80.5	81.1	81.8	82.2	82.4	83.0	83.5	84.0
180	3	85.7	86.4	87.0	87.6	87.9	88.1	88.5	88.9	89.2
240	4	89.4	90.2	90.9	91.4	91.7	91.9	92.3	92.5	92.7
300	5	92.0	92.9	93.7	94.3	94.6	94.7	95.1	95.2	95.2
480	8	96.7	97.9	98.9	99.7	100.0	100.2	100.5	100.5	100.5
600	10	98.6	100.0	101.1	101.9	102.3	102.5	102.7	102.7	102.7
1200	20	103.6	105.2	106.5	107.5	107.9	108.1	108.5	108.5	108.5

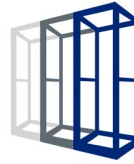
Power / WPC

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	531.7	731.6	942.8	1137.8	1234.3	1286.2	1361.6	1350.0	1350.0
5	0.08	462.0	552.0	637.2	710.4	745.9	765.1	796.0	799.9	799.9
10	0.17	365.9	406.4	442.8	473.4	488.3	496.6	511.1	516.1	516.1
15	0.25	305.2	328.4	349.1	366.4	374.9	379.8	388.8	393.1	393.1
20	0.33	263.4	278.4	291.8	303.0	308.6	311.9	318.2	321.8	322.5
30	0.50	208.9	216.6	223.4	229.3	232.3	234.1	237.8	240.4	241.8
45	0.75	161.5	165.1	168.4	171.3	172.9	173.9	176.0	177.7	179.0
60	1	132.6	134.6	136.6	138.3	139.3	139.9	141.3	142.5	143.5
120	2	78.9	79.5	80.1	80.6	80.9	81.1	81.6	82.0	82.4
180	3	56.9	57.2	57.6	57.9	58.1	58.2	58.4	58.6	58.8
240	4	44.7	45.0	45.3	45.5	45.6	45.7	45.8	45.9	46.0
300	5	36.8	37.1	37.4	37.6	37.7	37.7	37.8	37.9	37.9
480	8	24.3	24.6	24.8	24.9	25.0	25.0	25.1	25.1	25.1
600	10	19.8	20.1	20.3	20.4	20.5	20.5	20.5	20.5	20.5
1200	20	10.5	10.6	10.7	10.8	10.8	10.8	10.9	10.9	10.9



NSB 155FT RED Battery®

Discharge tables @ 20°C (68°F)



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CUSTOMER FOCUSED SERVER RACKS



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	366.1	416.1	466.9	517.3	546.7	565.7	610.8	651.1	685.2
5	0.08	327.9	362.1	395.5	427.4	445.3	456.7	482.8	504.8	522.1
10	0.17	264.8	286.4	306.8	325.7	336.2	342.7	357.2	368.9	377.6
15	0.25	223.1	238.5	252.8	265.8	272.9	277.3	286.9	294.5	299.8
20	0.33	193.9	205.5	216.3	226.0	231.2	234.4	241.4	246.8	250.4
30	0.50	155.1	162.7	169.6	175.7	178.9	180.9	185.1	188.3	190.3
45	0.75	120.8	125.4	129.6	133.3	135.2	136.3	138.7	140.4	141.5
60	1	99.6	102.8	105.6	108.1	109.3	110.1	111.6	112.7	113.3
120	2	59.9	61.0	61.9	62.7	63.1	63.4	63.8	64.1	64.2
180	3	43.4	43.9	44.3	44.7	44.8	44.9	45.1	45.2	45.2
240	4	34.1	34.4	34.7	34.8	34.9	35.0	35.1	35.1	35.1
300	5	28.2	28.4	28.5	28.6	28.7	28.7	28.8	28.8	28.7
480	8	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8
600	10	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
1200	20	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1

Capacity / Ah

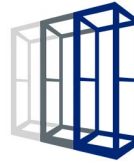
Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	12.2	13.9	15.6	17.2	18.2	18.9	20.4	21.7	22.8
5	0.08	27.3	30.2	33.0	35.6	37.1	38.1	40.2	42.1	43.5
10	0.17	44.1	47.7	51.1	54.3	56.0	57.1	59.5	61.5	62.9
15	0.25	55.8	59.6	63.2	66.5	68.2	69.3	71.7	73.6	75.0
20	0.33	64.6	68.5	72.1	75.3	77.1	78.1	80.5	82.3	83.5
30	0.50	77.5	81.3	84.8	87.8	89.5	90.5	92.6	94.1	95.1
45	0.75	90.6	94.1	97.2	99.9	101.4	102.2	104.0	105.3	106.1
60	1	99.6	102.8	105.6	108.1	109.3	110.1	111.6	112.7	113.3
120	2	119.8	122.0	123.9	125.5	126.3	126.7	127.6	128.2	128.4
180	3	130.1	131.6	133.0	134.0	134.5	134.8	135.4	135.7	135.7
240	4	136.5	137.7	138.6	139.4	139.7	139.9	140.3	140.4	140.4
300	5	141.1	141.9	142.6	143.2	143.4	143.6	143.8	143.8	143.8
480	8	149.2	149.7	150.0	150.3	150.4	150.4	150.4	150.4	150.4
600	10	152.5	152.9	153.1	153.3	153.4	153.4	153.4	153.4	153.4
1200	20	160.9	161.4	161.9	162.3	162.5	162.6	162.8	162.9	162.9

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	547.4	639.3	732.7	824.0	876.2	909.3	984.6	1046.1	1090.7
5	0.08	551.9	613.0	671.9	726.8	757.0	775.8	817.1	849.3	871.1
10	0.17	475.5	512.5	547.0	578.2	594.9	605.1	627.2	643.7	654.2
15	0.25	412.6	438.1	461.6	482.4	493.4	500.1	514.4	524.8	531.1
20	0.33	364.7	383.7	401.0	416.2	424.1	428.9	439.0	446.3	450.6
30	0.50	297.7	309.7	320.4	329.6	334.4	337.3	343.3	347.5	349.8
45	0.75	235.5	242.6	248.9	254.2	257.0	258.6	261.9	264.2	265.3
60	1	195.9	200.7	204.9	208.4	210.2	211.2	213.3	214.7	215.4
120	2	119.4	121.0	122.4	123.6	124.1	124.4	125.1	125.5	125.6
180	3	86.8	87.6	88.3	88.8	89.1	89.3	89.6	89.7	89.7
240	4	68.5	69.0	69.4	69.7	69.8	69.9	70.1	70.2	70.2
300	5	56.7	57.0	57.3	57.5	57.6	57.6	57.7	57.8	57.8
480	8	37.5	37.7	37.8	37.9	38.0	38.0	38.0	38.1	38.1
600	10	30.7	30.8	30.9	31.0	31.0	31.1	31.1	31.1	31.1
1200	20	16.2	16.3	16.4	16.4	16.4	16.5	16.5	16.5	16.5

NSB 155FT RED Battery®

Discharge tables @ 25°C (77°F)



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CUSTOMER FOCUSED SERVER RACKS



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	406.3	461.8	518.2	574.0	606.6	627.8	677.8	722.5	760.4
5	0.08	357.0	394.2	430.6	465.3	484.9	497.3	525.7	549.7	568.5
10	0.17	284.5	307.7	329.7	350.0	361.2	368.2	383.8	396.4	405.7
15	0.25	238.0	254.3	269.6	283.5	291.1	295.7	306.0	314.1	319.8
20	0.33	205.8	218.1	229.6	239.9	245.4	248.8	256.2	261.9	265.8
30	0.50	163.5	171.5	178.8	185.2	188.6	190.7	195.2	198.5	200.6
45	0.75	126.5	131.4	135.8	139.6	141.6	142.8	145.3	147.1	148.2
60	1	103.9	107.3	110.2	112.7	114.0	114.8	116.4	117.6	118.2
120	2	61.9	63.0	64.0	64.8	65.2	65.4	65.9	66.2	66.3
180	3	44.6	45.1	45.5	45.9	46.1	46.2	46.4	46.5	46.5
240	4	35.0	35.2	35.5	35.7	35.8	35.8	35.9	36.0	35.9
300	5	28.8	29.0	29.1	29.2	29.3	29.3	29.4	29.4	29.4
480	8	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1
600	10	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.5	15.5
1200	20	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2

Capacity / Ah

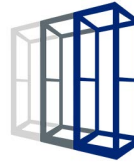
Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	13.5	15.4	17.3	19.1	20.2	20.9	22.6	24.1	25.3
5	0.08	29.7	32.9	35.9	38.8	40.4	41.4	43.8	45.8	47.4
10	0.17	47.4	51.3	54.9	58.3	60.2	61.4	64.0	66.1	67.6
15	0.25	59.5	63.6	67.4	70.9	72.8	73.9	76.5	78.5	79.9
20	0.33	68.6	72.7	76.5	80.0	81.8	82.9	85.4	87.3	88.6
30	0.50	81.8	85.8	89.4	92.6	94.3	95.4	97.6	99.2	100.3
45	0.75	94.9	98.6	101.8	104.7	106.2	107.1	109.0	110.3	111.1
60	1	103.9	107.3	110.2	112.7	114.0	114.8	116.4	117.6	118.2
120	2	123.8	126.0	128.0	129.6	130.4	130.9	131.8	132.4	132.6
180	3	133.7	135.3	136.6	137.7	138.3	138.6	139.1	139.4	139.5
240	4	139.8	141.0	142.0	142.7	143.1	143.3	143.7	143.8	143.8
300	5	144.1	145.0	145.7	146.2	146.5	146.6	146.8	146.9	146.9
480	8	151.7	152.1	152.5	152.7	152.8	152.8	152.9	152.8	152.8
600	10	154.7	155.0	155.3	155.4	155.5	155.5	155.6	155.5	155.5
1200	20	162.1	162.6	163.1	163.5	163.7	163.8	164.0	164.1	164.1

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	607.4	709.5	813.1	914.4	972.3	1009.1	1092.6	1160.9	1210.3
5	0.08	600.9	667.4	731.6	791.3	824.2	844.7	889.7	924.7	948.4
10	0.17	510.9	550.7	587.7	621.2	639.2	650.1	673.8	691.6	702.9
15	0.25	440.0	467.3	492.3	514.5	526.3	533.4	548.6	559.7	566.5
20	0.33	387.1	407.3	425.6	441.7	450.1	455.2	466.0	473.7	478.2
30	0.50	313.8	326.5	337.8	347.5	352.6	355.6	361.9	366.3	368.7
45	0.75	246.7	254.1	260.7	266.3	269.2	270.9	274.4	276.8	278.0
60	1	204.4	209.3	213.7	217.3	219.2	220.3	222.5	224.0	224.7
120	2	123.4	125.0	126.5	127.6	128.2	128.5	129.2	129.6	129.7
180	3	89.2	90.0	90.7	91.3	91.6	91.7	92.0	92.2	92.2
240	4	70.2	70.6	71.0	71.4	71.5	71.6	71.8	71.9	71.9
300	5	57.9	58.2	58.5	58.7	58.8	58.9	59.0	59.0	59.0
480	8	38.1	38.3	38.4	38.5	38.6	38.6	38.7	38.7	38.7
600	10	31.1	31.2	31.3	31.4	31.5	31.5	31.5	31.6	31.6
1200	20	16.3	16.4	16.5	16.5	16.6	16.6	16.6	16.6	16.7

NSB 170FT RED Battery®

Discharge tables @ 20°C (68°F)



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CUSTOMER FOCUSED SERVER RACKS



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	353.4	446.1	542.4	635.1	685.6	716.1	777.6	813.2	818.9
5	0.08	335.9	389.7	442.3	490.9	517.1	533.0	566.0	588.0	597.4
10	0.17	279.3	308.8	336.8	362.2	375.9	384.2	402.0	414.7	421.9
15	0.25	238.1	257.4	275.5	291.8	300.6	306.0	317.5	326.2	331.6
20	0.33	208.2	222.0	234.9	246.4	252.7	256.5	264.8	271.1	275.4
30	0.50	167.7	175.9	183.5	190.3	194.0	196.3	201.2	205.1	207.9
45	0.75	131.1	135.8	140.0	143.9	145.9	147.2	150.0	152.2	153.9
60	1	108.4	111.4	114.1	116.6	117.9	118.7	120.5	121.9	123.0
120	2	65.3	66.2	67.1	67.8	68.2	68.4	68.9	69.3	69.6
180	3	47.3	47.7	48.1	48.5	48.6	48.7	48.9	49.1	49.1
240	4	37.2	37.5	37.7	37.9	38.0	38.1	38.1	38.2	38.1
300	5	30.8	31.0	31.1	31.3	31.3	31.3	31.4	31.4	31.3
480	8	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.5
600	10	16.7	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.8
1200	20	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0

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	11.8	14.9	18.1	21.2	22.9	23.9	25.9	27.1	27.3
5	0.08	28.0	32.5	36.9	40.9	43.1	44.4	47.2	49.0	49.8
10	0.17	46.5	51.5	56.1	60.4	62.7	64.0	67.0	69.1	70.3
15	0.25	59.5	64.4	68.9	73.0	75.1	76.5	79.4	81.5	82.9
20	0.33	69.4	74.0	78.3	82.1	84.2	85.5	88.3	90.4	91.8
30	0.50	83.8	88.0	91.8	95.2	97.0	98.1	100.6	102.6	103.9
45	0.75	98.3	101.8	105.0	107.9	109.4	110.4	112.5	114.2	115.4
60	1	108.4	111.4	114.1	116.6	117.9	118.7	120.5	121.9	123.0
120	2	130.6	132.5	134.2	135.7	136.4	136.9	137.9	138.7	139.2
180	3	141.8	143.2	144.4	145.4	145.9	146.2	146.8	147.2	147.3
240	4	148.8	150.0	151.0	151.7	152.1	152.3	152.6	152.7	152.7
300	5	153.8	154.8	155.7	156.3	156.5	156.6	156.8	156.8	156.8
480	8	162.9	163.9	164.5	165.0	165.1	165.2	165.1	164.9	164.9
600	10	166.7	167.7	168.4	168.8	168.9	169.0	168.9	168.6	168.6
1200	20	177.1	178.3	179.3	180.0	180.3	180.5	180.7	180.7	180.7

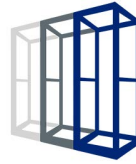
Power / WPC

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	545	686	832	973	1050	1097	1191	1247	1259
5	0.08	573.0	660.1	744.2	821.1	862	887	937	969	981
10	0.17	503.8	552.6	598.1	638.6	660.0	672.9	699.5	717.4	726.1
15	0.25	440.7	472.7	502.0	527.9	541.6	549.8	566.9	578.9	585.3
20	0.33	391.3	414.1	434.9	453.2	462.8	468.6	480.7	489.4	494.4
30	0.50	320.9	334.4	346.5	357.1	362.7	366.1	373.3	378.5	381.8
45	0.75	254.6	262.1	268.8	274.6	277.7	279.6	283.5	286.5	288.5
60	1	212.2	216.9	221.2	224.8	226.8	228.0	230.5	232.4	233.7
120	2	129.6	131.1	132.3	133.4	134.0	134.3	135.1	135.6	135.9
180	3	94.3	95.0	95.7	96.2	96.4	96.6	96.9	97.1	97.2
240	4	74.4	74.9	75.3	75.6	75.7	75.8	76.0	76.1	76.1
300	5	61.6	62.0	62.3	62.5	62.6	62.6	62.7	62.7	62.7
480	8	40.9	41.1	41.3	41.4	41.5	41.5	41.5	41.5	41.5
600	10	33.5	33.7	33.8	33.9	34.0	34.0	34.0	34.0	34.0
1200	20	17.8	17.9	18.0	18.1	18.2	18.2	18.2	18.2	18.2



NSB 170FT RED Battery®

Discharge tables @ 25°C (77°F)



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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	392.1	495.1	601.9	704.8	760.8	794.7	862.9	902.4	908.8
5	0.08	365.7	424.3	481.5	534.5	563.0	580.3	616.3	640.2	650.4
10	0.17	300.1	331.8	361.9	389.2	403.9	412.8	431.9	445.6	453.4
15	0.25	254.0	274.6	293.8	311.3	320.6	326.3	338.7	347.9	353.7
20	0.33	221.0	235.6	249.3	261.6	268.2	272.2	281.0	287.7	292.2
30	0.50	176.7	185.4	193.5	200.7	204.5	206.9	212.1	216.3	219.2
45	0.75	137.3	142.2	146.7	150.7	152.9	154.2	157.1	159.5	161.2
60	1	113.0	116.2	119.0	121.6	123.0	123.8	125.7	127.2	128.3
120	2	67.4	68.4	69.3	70.1	70.5	70.7	71.2	71.6	71.9
180	3	48.6	49.1	49.5	49.8	50.0	50.1	50.3	50.4	50.5
240	4	38.1	38.4	38.7	38.8	38.9	39.0	39.1	39.1	39.1
300	5	31.4	31.6	31.8	31.9	32.0	32.0	32.0	32.0	32.0
480	8	20.7	20.8	20.9	21.0	21.0	21.0	21.0	20.9	20.9
600	10	16.9	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.0
1200	20	8.9	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1

Capacity / Ah

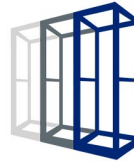
Duration		End of Discharge Voltage								
Minutes	Hours	1.85	1.80	1.75	1.70	1.67	1.65	1.60	1.55	1.50
2	0.03	13.1	16.5	20.1	23.5	25.4	26.5	28.8	30.1	30.3
5	0.08	30.5	35.4	40.1	44.5	46.9	48.4	51.4	53.3	54.2
10	0.17	50.0	55.3	60.3	64.9	67.3	68.8	72.0	74.3	75.6
15	0.25	63.5	68.6	73.5	77.8	80.2	81.6	84.7	87.0	88.4
20	0.33	73.7	78.5	83.1	87.2	89.4	90.7	93.7	95.9	97.4
30	0.50	88.4	92.7	96.7	100.3	102.3	103.5	106.1	108.1	109.6
45	0.75	103.0	106.7	110.0	113.0	114.6	115.6	117.8	119.6	120.9
60	1	113.0	116.2	119.0	121.6	123.0	123.8	125.7	127.2	128.3
120	2	134.9	136.9	138.6	140.1	140.9	141.4	142.4	143.2	143.7
180	3	145.7	147.2	148.4	149.4	150.0	150.3	150.9	151.2	151.4
240	4	152.4	153.6	154.6	155.4	155.7	155.9	156.3	156.4	156.4
300	5	157.1	158.2	159.0	159.6	159.9	160.0	160.2	160.1	160.1
480	8	165.6	166.5	167.2	167.7	167.8	167.9	167.8	167.5	167.5
600	10	169.0	170.0	170.7	171.2	171.3	171.3	171.3	170.9	170.9
1200	20	178.4	179.6	180.6	181.4	181.7	181.8	182.1	182.0	182.0

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	605	761	924	1080	1165	1217	1322	1384	1397
5	0.08	623.9	718.7	810.2	894.0	939	965	1020	1055	1068
10	0.17	541.3	593.8	642.6	686.2	709.2	723.0	751.5	770.8	780.1
15	0.25	470.1	504.2	535.5	563.1	577.7	586.4	604.7	617.5	624.3
20	0.33	415.3	439.6	461.6	481.0	491.2	497.3	510.2	519.4	524.7
30	0.50	338.3	352.5	365.3	376.5	382.4	386.0	393.5	399.1	402.5
45	0.75	266.7	274.5	281.5	287.7	290.9	292.8	297.0	300.2	302.2
60	1	221.3	226.3	230.7	234.5	236.6	237.8	240.4	242.4	243.8
120	2	133.9	135.4	136.7	137.8	138.4	138.8	139.5	140.1	140.4
180	3	96.9	97.7	98.3	98.8	99.1	99.2	99.6	99.8	99.8
240	4	76.2	76.7	77.1	77.4	77.6	77.6	77.8	77.9	77.9
300	5	63.0	63.3	63.6	63.8	63.9	64.0	64.0	64.1	64.1
480	8	41.6	41.8	41.9	42.1	42.1	42.2	42.2	42.2	42.2
600	10	34.0	34.2	34.3	34.4	34.5	34.5	34.5	34.5	34.5
1200	20	18.0	18.1	18.2	18.3	18.3	18.3	18.3	18.4	18.4

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Discharge tables @ 20°C (68°F)



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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	422.0	498.6	576.2	651.6	694.1	720.8	780.0	825.9	855.4
5	0.08	365.3	414.3	462.5	508.4	534.1	550.2	586.2	614.9	635.1
10	0.17	294.1	323.9	352.7	379.7	394.6	404.0	424.9	441.8	454.0
15	0.25	248.9	269.9	289.9	308.4	318.6	324.9	339.2	350.6	359.1
20	0.33	217.5	233.3	248.3	262.0	269.5	274.2	284.7	293.2	299.4
30	0.50	175.9	186.0	195.5	204.1	208.8	211.7	218.2	223.4	227.3
45	0.75	138.7	144.8	150.5	155.6	158.3	160.0	163.8	166.8	169.0
60	1	115.6	119.7	123.4	126.8	128.6	129.7	132.1	134.1	135.5
120	2	71.1	72.5	73.6	74.7	75.2	75.5	76.2	76.7	77.0
180	3	52.1	52.7	53.2	53.6	53.8	54.0	54.2	54.4	54.4
240	4	41.4	41.6	41.9	42.1	42.2	42.2	42.3	42.3	42.3
300	5	34.4	34.5	34.6	34.7	34.7	34.8	34.8	34.8	34.8
480	8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.8	22.8
600	10	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
1200	20	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9

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	14.1	16.6	19.2	21.7	23.1	24.0	26.0	27.5	28.5
5	0.08	30.4	34.5	38.5	42.4	44.5	45.9	48.9	51.2	52.9
10	0.17	49.0	54.0	58.8	63.3	65.8	67.3	70.8	73.6	75.7
15	0.25	62.2	67.5	72.5	77.1	79.6	81.2	84.8	87.7	89.8
20	0.33	72.5	77.8	82.8	87.3	89.8	91.4	94.9	97.7	99.8
30	0.50	87.9	93.0	97.7	102.1	104.4	105.9	109.1	111.7	113.6
45	0.75	104.0	108.6	112.9	116.7	118.8	120.0	122.8	125.1	126.8
60	1	115.6	119.7	123.4	126.8	128.6	129.7	132.1	134.1	135.5
120	2	142.3	144.9	147.3	149.3	150.4	151.0	152.4	153.4	154.0
180	3	156.4	158.1	159.6	160.9	161.5	161.9	162.6	163.1	163.3
240	4	165.4	166.6	167.5	168.3	168.6	168.8	169.2	169.3	169.3
300	5	171.8	172.5	173.1	173.5	173.7	173.8	173.9	173.9	173.9
480	8	183.0	183.2	183.3	183.3	183.2	183.2	183.0	182.6	182.6
600	10	187.3	187.4	187.4	187.4	187.3	187.2	186.9	186.6	186.6
1200	20	196.2	196.9	197.6	198.1	198.3	198.4	198.6	198.7	198.7

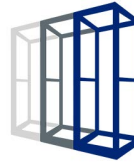
Power / WPC

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	739.5	851.2	961.5	1065.8	1123.5	1159.4	1237.7	1296.5	1332.9
5	0.08	668.3	742.3	813.5	879.5	915.6	938.0	987.0	1024.5	1049.1
10	0.17	551.9	598.1	641.6	681.3	702.8	716.1	745.2	767.7	782.8
15	0.25	473.2	505.9	536.4	564.0	578.9	588.1	608.1	623.6	634.1
20	0.33	416.8	441.6	464.6	485.3	496.4	503.2	518.1	529.6	537.4
30	0.50	340.3	356.4	371.1	384.2	391.2	395.5	404.9	412.0	416.9
45	0.75	270.7	280.5	289.4	297.2	301.3	303.9	309.4	313.5	316.4
60	1	226.7	233.3	239.2	244.4	247.2	248.9	252.5	255.2	257.0
120	2	141.0	143.2	145.0	146.7	147.5	148.0	149.0	149.8	150.2
180	3	103.8	104.8	105.6	106.3	106.6	106.8	107.2	107.5	107.6
240	4	82.6	83.1	83.5	83.8	83.9	84.0	84.2	84.3	84.3
300	5	68.7	69.0	69.2	69.4	69.4	69.5	69.5	69.5	69.5
480	8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
600	10	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.6	37.6
1200	20	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.1	20.1



NSB 190FT RED Battery®

Discharge tables @ 25°C (77°F)



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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	468.3	553.3	639.4	723.0	770.2	799.8	865.6	916.5	949.3
5	0.08	397.7	451.1	503.6	553.6	581.5	599.1	638.3	669.5	691.5
10	0.17	316.0	348.0	379.0	408.0	424.0	434.1	456.5	474.7	487.8
15	0.25	265.5	287.9	309.2	328.9	339.8	346.6	361.8	374.0	383.0
20	0.33	230.9	247.7	263.5	278.1	286.1	291.1	302.2	311.2	317.8
30	0.50	185.4	196.1	206.1	215.2	220.1	223.2	230.0	235.5	239.6
45	0.75	145.3	151.7	157.7	163.0	165.9	167.7	171.6	174.7	177.0
60	1	120.5	124.8	128.8	132.3	134.1	135.3	137.8	139.8	141.3
120	2	73.5	74.9	76.1	77.1	77.7	78.0	78.7	79.2	79.6
180	3	53.6	54.2	54.7	55.1	55.3	55.4	55.7	55.9	56.0
240	4	42.4	42.6	42.9	43.1	43.2	43.2	43.3	43.4	43.4
300	5	35.1	35.2	35.4	35.4	35.5	35.5	35.5	35.5	35.5
480	8	23.2	23.3	23.3	23.3	23.3	23.3	23.2	23.2	23.2
600	10	19.0	19.0	19.0	19.0	19.0	19.0	19.0	18.9	18.9
1200	20	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0

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	15.6	18.4	21.3	24.1	25.7	26.7	28.9	30.5	31.6
5	0.08	33.1	37.6	42.0	46.1	48.5	49.9	53.2	55.8	57.6
10	0.17	52.7	58.0	63.2	68.0	70.7	72.3	76.1	79.1	81.3
15	0.25	66.4	72.0	77.3	82.2	84.9	86.6	90.4	93.5	95.8
20	0.33	77.0	82.6	87.8	92.7	95.4	97.0	100.7	103.7	105.9
30	0.50	92.7	98.1	103.0	107.6	110.1	111.6	115.0	117.8	119.8
45	0.75	109.0	113.8	118.2	122.2	124.4	125.7	128.7	131.0	132.8
60	1	120.5	124.8	128.8	132.3	134.1	135.3	137.8	139.8	141.3
120	2	147.0	149.7	152.1	154.2	155.3	156.0	157.4	158.4	159.1
180	3	160.7	162.5	164.0	165.3	166.0	166.3	167.1	167.6	167.9
240	4	169.4	170.6	171.5	172.3	172.7	172.9	173.3	173.4	173.4
300	5	175.4	176.2	176.8	177.2	177.4	177.5	177.6	177.6	177.6
480	8	186.0	186.2	186.3	186.3	186.2	186.1	185.9	185.6	185.6
600	10	189.9	190.0	190.0	190.0	189.9	189.8	189.5	189.2	189.2
1200	20	197.7	198.4	199.0	199.5	199.8	199.9	200.1	200.2	200.2

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	820.6	944.6	1067.0	1182.7	1246.8	1286.6	1373.4	1438.8	1479.1
5	0.08	727.6	808.2	885.7	957.5	996.9	1021.3	1074.6	1115.4	1142.2
10	0.17	593.0	642.6	689.3	732.0	755.2	769.5	800.7	824.8	841.1
15	0.25	504.7	539.6	572.1	601.6	617.5	627.3	648.6	665.1	676.4
20	0.33	442.3	468.7	493.1	515.0	526.8	534.1	549.9	562.1	570.4
30	0.50	358.8	375.7	391.2	405.1	412.5	417.0	426.8	434.4	439.6
45	0.75	283.6	293.8	303.1	311.3	315.7	318.3	324.1	328.5	331.4
60	1	236.5	243.3	249.5	255.0	257.8	259.6	263.3	266.2	268.0
120	2	145.7	147.9	149.8	151.5	152.4	152.9	153.9	154.7	155.2
180	3	106.7	107.7	108.5	109.2	109.6	109.8	110.2	110.4	110.6
240	4	84.6	85.1	85.5	85.8	86.0	86.1	86.2	86.3	86.3
300	5	70.2	70.5	70.7	70.8	70.9	71.0	71.0	71.0	71.0
480	8	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.7	46.7
600	10	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
1200	20	19.9	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.2