



NSB+75

KEY FEATURES

- Specifically designed for abusive applications. Excels at high rate discharge and recharge, extreme temperature range, deep or shallow cyclic applications
- Compliant with Telecordia SR4228, BS6290(iv) specifications and JIS dimensional
- High cycle life capability +500 C/3 @ 80% DOD
- 10 year float life at 77°F — 15 year float life at 68°F
- Flame retardant (UL 94 VO) plastic case and cover
- 3 step terminal seal design to ensure leak-free operation. Female M8 brass terminals provide maximum high rate performance and no annual re-tightening
- 2 year shelf life at 77°F
- Approved as non-hazardous cargo for ground, sea and air transportation

ELECTRICAL CHARACTERISTICS

20-hour capacity 77 Ah to 1.75 VPC

15-minute power 333 W/cell to 1.67 VPC

Float voltage 2.29 VPC @ 68°F

Cyclic recharge 2.45 VPC @ 77°F
no current limit

MECHANICAL CHARACTERISTICS

Height 7.89" (200mm)

Width 6.80" (173 mm)

Length 10.27" (261mm)

Weight 60.0 lbs. (27.3 kilos)

Terminal Torque 53 in-lbs (6.0 Nm)

ELECTRICAL CHARACTERISTICS @ 77°F

Time to 1.75VPC	Power (Watts per cell)	Current (Amps)	Capacity (Ah)
2 min.	988.0	569.7	19.0
5 min.	659.5	368.9	30.7
10 min.	438.0	239.7	40.0
15 min.	333.1	180.0	45.0
20 min.	270.6	145.0	48.3
30 min.	198.5	105.2	52.6
45 min.	143.3	75.1	56.3
1 hr.	112.7	58.6	58.6
2 hr.	61.8	31.6	63.3
3 hr.	43.0	21.9	65.6
4 hr.	33.2	16.8	67.2
5 hr.	27.2	13.7	68.4
8 hr.	17.8	8.9	71.2
10 hr.	14.6	7.3	72.7
20 hr.	7.9	3.9	78.7
24 hr.	6.8	3.4	80.8