



NOTHING IS MORE RELIABLE



NSB+90

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 M6 brass terminals provide maximum high rate performance and no annual re-tightening
- 2 year shelf life at 77°F
- Integral handles ensure ease of handling
- Approved as non-hazardous cargo for ground, sea and air transportation

ELECTRICAL CHARACTERISTICS

20-hour capacity 106 Ah to 1.75 VPC

15-minute power 429 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 8.39" (213mm)

Width 6.80" (173 mm)

Length 13.42" (341mm)

Weight 77.2 lbs.(35.1 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.	1205.4	702.5	23.4
5 min.	832.5	473.1	39.4
10 min.	561.1	312.1	52.0
15 min.	428.9	235.5	58.9
20 min.	349.4	190.1	63.4
30 min.	257.1	138.1	69.1
45 min.	185.9	98.6	74.0
1 hr.	146.4	77.0	77.0
2 hr.	80.5	41.6	83.3
3 hr.	56.3	28.8	86.5
4 hr.	43.6	22.2	88.9
5 hr.	35.8	18.2	90.8
8 hr.	23.6	11.9	95.5
10 hr.	19.5	9.8	98.1
20 hr.	10.8	5.5	109.3
24 hr.	9.4	4.7	113.3