

The Narada Reserve Power CXL Series Extreme Life High Temperature Alloy VRLA batteries are Specifically designed to meet the environmental performance requirements of any Broadband Cable and outside plant application. All Narada CXL series batteries use optimized plate technology and a patented post design, and catalyst vent offering exceptional service life.



Technical Features:

- Flame Retardant ABS Cover and Container, UL94 V-0, LOI>28%
- Patented copper alloy terminal design
- Epoxy TPS design for high reliability post seal
- Continuous Cast Punch Pure Lead Plate (CCPP) Technology
- Shelf Life twelve months (25°C/77°F)
- Initial capacity at 100%
- Low pressure one-way Catalyst flame arresting valve(s)
- UL1989
- Absorbent Glass Mat (AGM) Sealed Technology, Recombination efficiency of 99.9%

Compliance and Safety:

- **ISO 9001 and ISO 14001 certified production facilities**
- UL Recognized Component 924, for use in or with listed UL1778, UL1989 and UL924 systems
- IEC60896-21/22 / BS6290 part 4
- Compliant NEBS Version 4, Level 3 2012, Telcordia SR-3580, Issue 5, June 2012, Level 3
 - Telcordia GR-1089-CORE, Issue 6
 - Telcordia GR-63-CORE, Issue 4
 - Telcordia GR-3108-4.2 Class 3
- Compliant to SR-4228 & VZ.TPR.9802
- **Manufactured under system ISO9001(TUV)**
- Battery installation compliant with: EN 50272-2 or local equivalents
- NEBS Earthquake Risk Seismic Zone 4 Compliant
- Exceeds 1997 UBC Zone 4 Seismic requirements for at or below grade installations
- Exceeds 2007 IBC requirements for 125% g level

Transportation:

- Classified as Nonspillable UN 2800 and meet the Nonspillable criteria listed in DOT-CFR Title 49, 171-189 (d) (3) (i) and (ii) and exempt from CFR 49, Subchapter C requirements
- Meets transportation conditions of IMDG exemption 238, IATA/ICAO Special Provision A67 (Not Restricted)

Battery type	AGM
Hydrogen emission	Low
Capacity at 20 hours to 1.75 VPC	107
Runtime @25A to 1.75 VPC (minutes)	225
BCI group size	31
Terminals	M6 female
Cells per unit	6
Voltage per unit	12
Impedance	3.80mΩ
Max. discharge current (A)	394 (5mins)
Short circuit current (A)	≈3,357A

Mechanical	
Height w/terminals, mm (in)	337 W x 173 D x 215 H 13.3 W x 6.9 D x 8.5 H
Weight, kg (lb.)	34 (75)
Environmental	
Discharge	-40°C to 60°C (-40°F to 122°F)
Charge (w/temperature compensation ±4mV/cell/°C)	-20°C to 50°C (-4°F to 122°F)
Float charge voltage	13.5V -13.8V @ 25°C (77°F)
AC ripple charge	0.5% RMS or 1.5% Float voltage with a maximum of 4% V Peak to Peak

CURRENT DISCHARGE RATINGS IN AMPS							
Hours	1	2	3	4	8	10	20
End 1.75 VPC	81.0	44.5	30.4	24.5	12.5	10.2	5.35
AMP-HOUR RATINGS							
Hours	1	2	3	4	8	10	20
End 1.75 VPC	81.0	89.0	92.1	98.0	100.0	102.0	107.0



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