



# NPX-L35

Valve Regulated Lead-Acid (VRLA)  
Absorbed Glass Mat (AGM)

Yuasa NP/NPX Series with **HT X Alloy™**, high temperature batteries optimized for performance and life

## SPECIFICATIONS

Battery Model:	NPX-L35
Nominal Voltage:	12
Capacity: 15 minute rate, 1.67vpc @ 25°C (77°F)	34.7 wpc
Case Material Options:	UL94HB
Terminal Options:	UL94V-0 (FR) Faston .250 in. (F2)
Terminal Torque (Terminals using Bolts):	
Dimensions:	
◦ Length (mm inches)	151.0   5.94
◦ Width (mm inches)	65.0   2.56
◦ Case Height (mm inches)	94.0   3.70
◦ Height over Terminal (mm inches)	97.5   3.84
Weight (kg lbs):	2.60   5.73
Max continuous discharge current, 5 seconds (A):	
Short circuit current (A):	320
Max charge current (A):	1.875
Internal Resistance (mΩ):	~15.4

## GENERAL

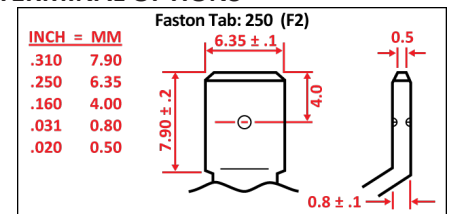
Design Life:	4-6 Years
Storage:	
◦ Capacity loss per month at 25°C (77°F)	~3%
Operating Temperature Range:	
◦ Storage (in fully charged condition)	-20°C to 60°C (-4°F to 140°F)
◦ Charge	-15°C to 50°C (5°F to 122°F)
◦ Discharge	-20°C to 60°C (-4°F to 140°F)
Float Charge Voltage:	
◦ Charge voltage at 25°C (77°F)	2.275±1%/cell
◦ Temperature correction factor from 25°C (77°F)	-3mV per °C/cell
Cyclic (or Boost) Charge Voltage	
◦ Cyclic voltage at 25°C (77°F)	2.45±2%/cell
◦ Temperature correction factor from 25°C (77°F)	-4mV per °C/cell



## CERTIFICATIONS/COMPLIANCE

- ISO 9001
- ISO 14001
- IEC 61056-1
- IEC 60896-21
- UL recognized component, UL1989
- TAA Compliant - Available
- DRC Conflict Free

## TERMINAL OPTIONS



### Features providing longer life:

**HT X Alloy™**

Proprietary Additives

Lead Calcium Grids

Primary Lead

Strategic use of Tin

Optimized AGM Separators

### Applications:

Uninterruptible Power Supply (UPS)

Security Systems

Fire Protection & Life Safety

Emergency Lighting

Solar & Wind Support Systems

Power Packs

*Non-spillable, meets or exceeds DOT and IATA requirements for non-hazardous transportation*



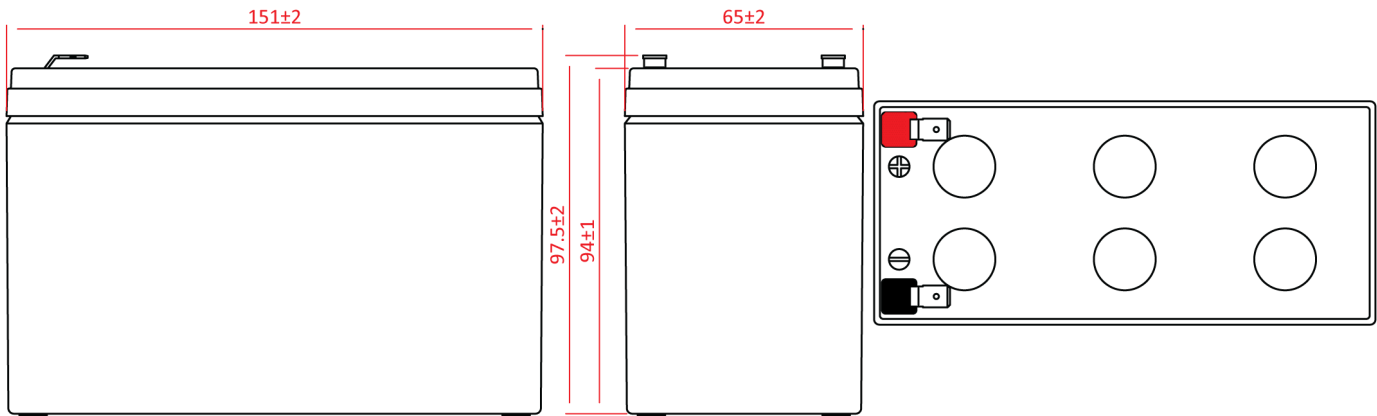
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Discharge, Watts per Cell @ 25°C (77°F)

End vpc	2m	4m	5m	6m	8m	10m	15m	20m	30m	45m	1h	1.5h
1.80vpc	80.0	68.3	63.3	57.3	48.3	41.8	33.2	23.3	17.5	12.8	9.83	6.83
1.75vpc	89.2	73.0	67.2	60.2	50.7	43.3	34.0	24.0	17.8	13.0	9.92	6.88
1.67vpc	105	83.2	71.8	63.3	53.3	45.0	34.7	24.5	18.3	13.1	10.2	6.98
1.60vpc	111	86.7	73.0	64.2	54.0	45.5	35.0	24.8	18.7	13.2	10.3	7.03

Discharge, Amps @ 25°C (77°F)

End vpc	2m	4m	5m	6m	8m	10m	15m	20m	30m	45m	1h	1.5h
1.80vpc	41.7	35.8	33.7	30.3	25.5	22.0	16.6	11.6	8.90	6.40	4.96	3.45
1.75vpc	47.2	38.2	35.3	31.5	26.5	22.7	17.0	12.2	9.10	6.50	5.00	3.53
1.67vpc	57.1	44.5	38.7	33.7	28.3	23.6	17.4	12.8	9.30	6.60	5.13	3.59
1.60vpc	61.0	46.7	39.5	34.2	28.8	23.8	17.5	12.8	9.50	6.70	5.21	3.61

### Long Shelf Life

The extremely low self discharge rate allows the battery to be stored for extended periods, up to one year at normal ambient temperatures with no permanent loss of capacity

Order Number:  
NPX-L35-250  
NPX-L35-250FR

Terminal | Case Material  
Faston .250 in. (F2) | UL94HB  
Faston .250 in. (F2) | UL94V-0 (FR)

Distributed By:



WARNING: Cancer and Reproductive Harm. Wash hands after handling. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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