NPX-35

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-35
Nominal Voltage:	12
Capacity: 15 minute rate, 1.67vpc @ 25°C (77°F)	34.7 wpc
Case Material Options:	UL94HB UL94V-0 (FR)
Terminal Options:	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):	112.5
Short circuit current (A):	330
Max charge current (A):	1.900
Internal Resistance (mΩ):	~13.5

GENERAL

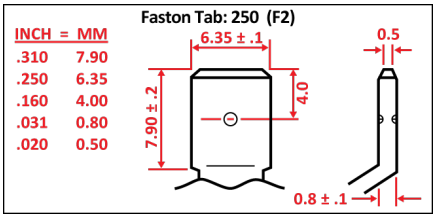
Design Life:	4-6 Years
Storage:	
◦ Capacity loss per month at 25°C (77°F)	~3%
Operating Temperature Range:	
◦ Storage (in fully charged condition)	-20°C to 60°C (-4°F to 140°F)
◦ Charge	-15°C to 50°C (5°F to 122°F)
◦ Discharge	-20°C to 60°C (-4°F to 140°F)
Float Charge Voltage:	
◦ Charge voltage at 25°C (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

Pb MH28947

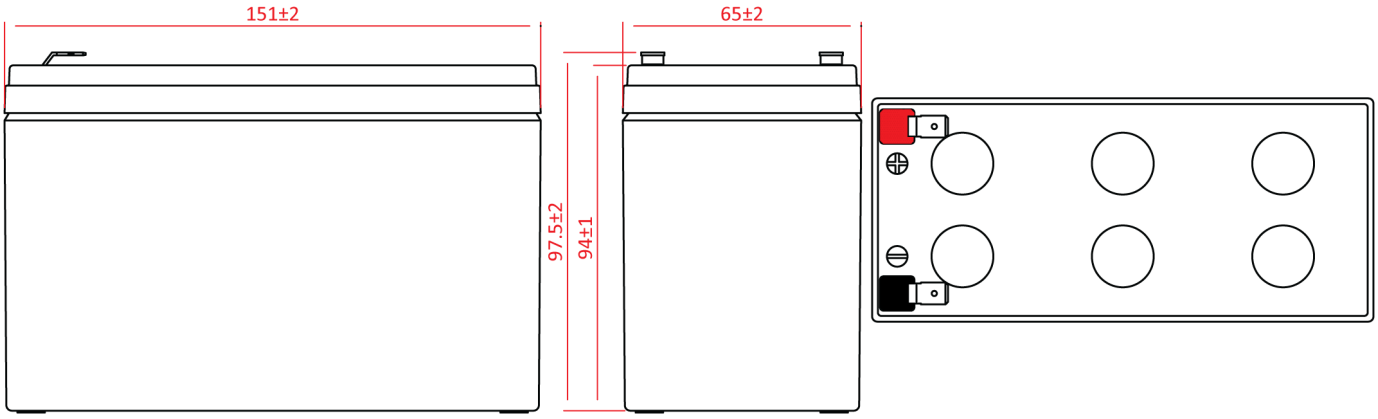
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Discharge, Watts per Cell @ 25°C (77°F)												
End vpc	2m	4m	5m	6m	8m	10m	15m	20m	30m	45m	1h	1.5h
1.80vpc	83.5	69.3	66.2	55.8	49.5	43.7	33.2	26.7	19.2	14.3	10.9	7.50
1.75vpc	93.0	76.0	70.2	59.8	52.0	45.3	34.0	27.3	19.5	14.4	11.1	7.63
1.67vpc	109	86.7	75.0	65.5	55.5	46.8	34.7	28.0	19.8	14.6	11.1	7.70
1.60vpc	116	90.2	76.3	67.5	56.5	47.5	35.0	28.2	19.8	14.6	11.2	7.72

Discharge, Amps @ 25°C (77°F)												
End vpc	2m	4m	5m	6m	8m	10m	15m	20m	30m	45m	1h	1.5h
1.80vpc	43.4	35.8	35.1	28.6	25.3	22.9	16.6	13.4	9.80	7.10	5.51	3.80
1.75vpc	49.2	39.9	37.5	31.0	26.8	23.7	17.0	13.8	10.0	7.26	5.59	3.86
1.67vpc	59.6	46.4	40.4	34.6	29.0	24.7	17.4	14.3	10.1	7.42	5.62	3.88
1.60vpc	63.6	48.6	41.6	35.8	29.7	24.9	17.5	14.5	10.1	7.47	5.64	3.89

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:	Terminal | Case Material
NPX-35-250	Faston .250 in. (F2) | UL94HB
NPX-35-250FR	Faston .250 in. (F2) | UL94V-0 (FR)

Distributed By:

WARNING: Cancer and Reproductive Harm. Wash hands after handling. www.P65Warnings.ca.gov

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