



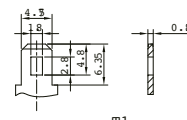
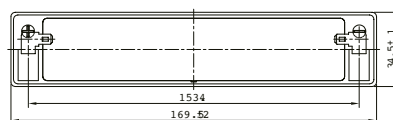
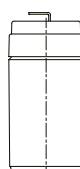
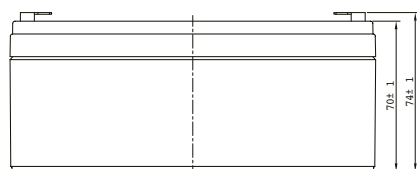
# AGM LEAD ACID BATTERY NX 5-6 GENERAL PURPOSE

## BATTERIE PLOMB AGM NX 5-6 GENERAL PURPOSE

### 6V 5AH F4.8

#### MAIN INFORMATION / INFORMATIONS GÉNÉRALES

<b>BRAND</b>	MARQUE	NX
<b>TECHNOLOGY</b>	TECHNOLOGIE	AGM Lead acid
<b>VOLTAGE</b>	TENSION	6V
<b>CAPACITY 25°C (C20; 1,75V/CELL)</b>	CAPACITÉ 25°C (C20; 1,75V/CELL)	5Ah
<b>CASING</b>	TYPE DE BAC	ABS (UL94 HB)
<b>TERMINAL</b>	TYPE DE COSSES	F4,8 (Faston 4.8)
<b>DESIGN LIFE</b>	DURÉE DE VIE ESTIMÉE (25°C)	5 ans
<b>WEIGHT (±4%)</b>	POIDS (±4%)	0,89 Kg
<b>DIMENSIONS</b>	DIMENSIONS	
• <b>Length / Longueur</b>		169,5 mm (6,67 inches)
• <b>Width / Largeur</b>		34,5 mm (1,36 inches)
• <b>Height / Hauteur</b>		70 mm (2,76 inches)
• <b>Total height with terminals / Hauteur totale (avec cosse)</b>		74 mm (2,91 inches)
<b>OPERATING TEMP. RANGE</b>	PLAGE DE TEMPÉRATURE	
• <b>Discharge / Décharge</b>		-15~50°C
• <b>Charge / Charge</b>		-20~40°C
• <b>Storage / Stockage</b>		-15~40°C
• <b>Nominal Operating Temperature / Température d'utilisation</b>		25±3 C (77±5°F)
<b>SHORT-CIRCUIT CURRENT</b>	COURANT DE COURT CIRCUIT	140A
<b>INTERNAL RESISTANCE</b>	RÉSISTANCE INTERNE (25°C)	Approx. 17mΩ
<b>MAX CHARGING CURRENT</b>	COURANT DE CHARGE MAX	0,3C
<b>CHARGE VOLTAGE (25°C)</b>	TENSION DE CHARGE (25°C)	
• <b>Standby use / Utilisation en standby</b>		Voltage 2,25~2,3V/cell at 25°C (77°F) Temp.   Coefficient -3mV/°C
• <b>Cycle use / Utilisation cyclique</b>		Voltage 2,35V~2,45V at 25°C (77°F) Temp.   Coefficient -5mV/°C
<b>EFFECT OF TEMP. TO CAPACITY</b>	IMPACT DE LA TEMP. SUR LA CAPACITÉ	
• <b>40°C / (104°F)</b>		103%
• <b>25°C / (77° F)</b>		100%
• <b>0°C / (32° F)</b>		86%



#### MAIN FEATURES / CARACTÉRISTIQUES PRINCIPALES

- 5 years design life (25°C).
- Lead calcium alloy, sealed design, no watering required.
- Puncture resistant micro-porous glass mat separators extend life.
- Unique technology optimizes power capacity, cell consistency, and long-term reliability.
- Designed for a wide range of applications.
- Durée de vie de 5 ans (25°C).
- Alliage de plomb-calcium, conception étanche, pas besoin d'ajout d'eau.
- Séparateurs en verre microporeux résistants à la perforation. Prolongent la durée de vie.
- Technologie unique optimisant la capacité de puissance, la cohérence des cellules, et la fiabilité à long terme.

**CAUTION / AVERTISSEMENT**

**Do not tip the battery over.**  
**End-of-life NX batteries must be recycled in accordance with current legislation.**  
**Do not install or charge batteries in a sealed or non-ventilated compartment.**

Ne pas renverser la batterie.  
 Les batteries NX en fin de vie doivent être recyclées selon la législation en vigueur.  
 Ne pas installer ou charger les batteries dans un endroit clos et non aéré.

**APPLICATIONS\***

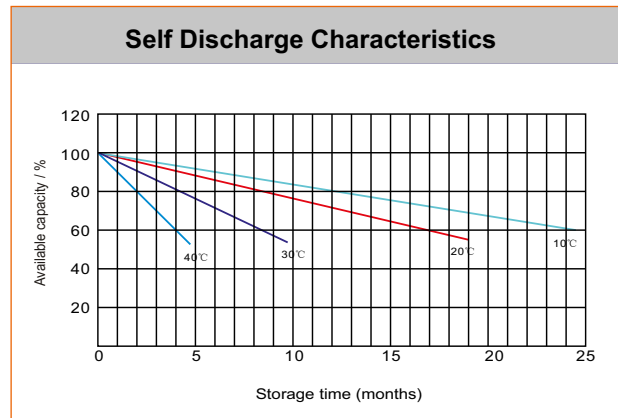
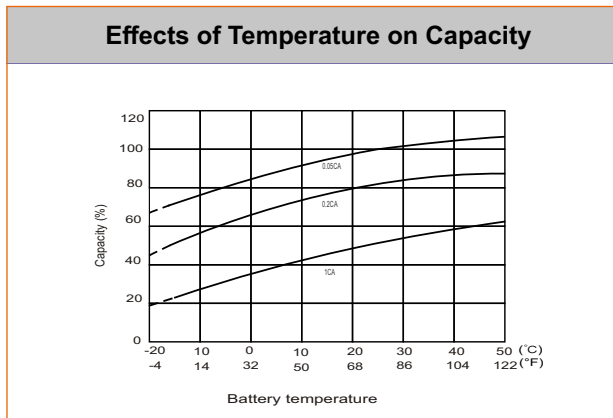
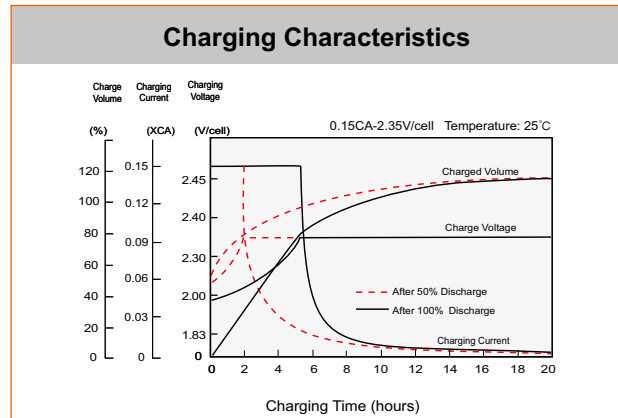
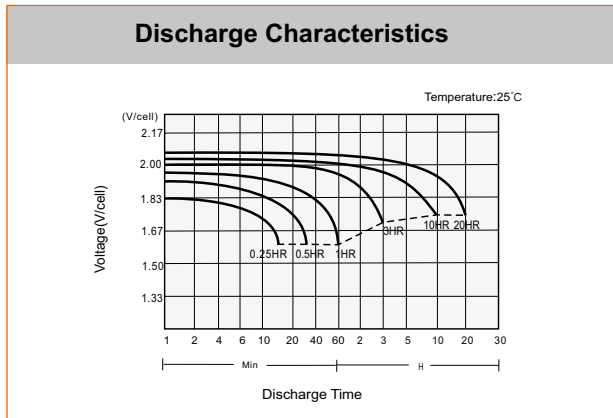
\* Non exhaustive list / Liste non-exhaustive

- Emergency light
- UPS
- Éclairage de secours
- Onduleur
- Railway signal
- Electronic devices and equipment
- Signalisation ferroviaire
- Appareils/équipements électroniques
- Alarm and security system
- Emergency backup
- Alarme et sécurité
- Alimentation de secours
- Aircraft signal
- Power supply
- Signal d'avion
- Réserve d'énergie

Constant Current Discharge (Amperes) at 25°C (77°F)																
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	15.5	10.2	8.13	6.72	4.95	3.62	2.96	2.17	1.70	1.23	0.980	0.834	0.714	0.563	0.462	0.244
1.80V/cell	16.7	10.8	8.53	6.99	5.10	3.71	3.03	2.21	1.74	1.25	0.995	0.846	0.726	0.571	0.468	0.247
1.75V/cell	17.6	11.3	8.81	7.18	5.23	3.79	3.10	2.26	1.77	1.27	1.01	0.857	0.734	0.577	0.473	0.250
1.70V/cell	18.4	11.7	9.11	7.39	5.37	3.88	3.15	2.29	1.79	1.29	1.02	0.869	0.743	0.583	0.478	0.252
1.67V/cell	19.1	12.1	9.33	7.54	5.46	3.94	3.20	2.32	1.81	1.30	1.03	0.876	0.749	0.588	0.481	0.254
1.60V/cell	20.3	12.6	9.65	7.77	5.61	4.04	3.27	2.37	1.85	1.33	1.05	0.890	0.760	0.596	0.487	0.257

Constant Power Discharge (Watts/cell) at 25°C (77°F)																
F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	29.4	19.5	15.6	12.9	9.56	7.01	5.76	4.24	3.34	2.42	1.93	1.65	1.41	1.12	0.918	0.489
1.80V/cell	31.3	20.5	16.2	13.4	9.81	7.18	5.88	4.31	3.39	2.45	1.96	1.67	1.43	1.13	0.930	0.495
1.75V/cell	32.7	21.2	16.7	13.7	10.0	7.31	5.98	4.38	3.44	2.49	1.98	1.69	1.45	1.14	0.938	0.500
1.70V/cell	33.9	21.9	17.1	14.0	10.2	7.44	6.07	4.44	3.49	2.52	2.00	1.71	1.46	1.15	0.947	0.504
1.67V/cell	34.7	22.4	17.5	14.3	10.4	7.54	6.15	4.49	3.52	2.54	2.02	1.72	1.48	1.16	0.954	0.508
1.60V/cell	36.1	23.0	18.0	14.6	10.6	7.68	6.26	4.57	3.58	2.58	2.05	1.74	1.49	1.18	0.965	0.514



OUTLINE SAFETY WARNING: USE ONLY WITH IN THE ALLOWED PARAMETERS. Do not short circuit or over-load the battery. Charge only using an approved charger designed specifically to charge this battery. Do not heat above maximum temperatures indicated. Never crush, mutilate, puncture or abuse the battery. Do not dismantle the pack or disable any of the protective devices or circuits. DO NOT USE THE BATTERY IF YOU SUSPECT IT MAY BE FAULTY OR DAMAGED.

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