



AGM LEAD ACID BATTERY

BATTERIE PLOMB AGM

1.2-6 General Purpose FR F4.8

MAIN INFORMATION / INFORMATIONS GÉNÉRALES

BRAND / MARQUE	NX
TECHNOLOGY / TECHNOLOGIE	AGM Lead acid
NOMINAL VOLTAGE / TENSION NOMINALE	6V
NOMINAL CAPACITY / CAPACITÉ NOMINALE (C ₂₀ , 1.75V/cell)	1.2Ah
DIMENSIONS (± 1 mm) / DIMENSIONS (± 1 mm)	
• Length / Longueur	97 mm (3.82 inches)
• Width / Largeur	24 mm (0.94 inches)
• Height / Hauteur	51.5 mm (2.03 inches)
• Total height with terminals / Hauteur totale (avec cosSES)	57.5 mm (2.26 inches)
WEIGHT / POIDS	Approx 0.29kg (0.64lbs)
TERMINAL / TYPE DE COSSES	F4.8 = FASTON 4.8
CASING / TYPE DE BAC	UL94 V-0 (Flame retardant)

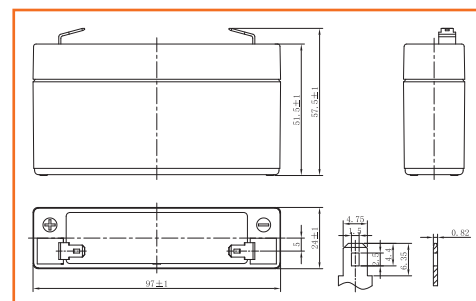


TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY / CAPACITÉ	1.20Ah/0.060A (20hr, 1.75V/cell, 25°C/77°F) 1.13Ah/0.113A (10hr, 1.75V/cell, 25°C/77°F) 1.04Ah/0.207A (5hr, 1.75V/cell, 25°C/77°F) 0.918Ah/0.306A (3hr, 1.75V/cell, 25°C/77°F) 0.789Ah/0.789A (1hr, 1.60V/cell, 25°C/77°F)
DISCHARGE CURRENT / COURANT DE DÉCHARGE	18A (5s)
INTERNAL RESISTANCE / RÉSISTANCE INTERNE	Approx 65mΩ
OPERATING TEMPERATURE RANGE / PLAGE DE TEMPÉRATURE	
• Discharging / Décharge	-15°~50°C (5 ~122°F)
• Charging / Charge	0°~40°C (32 ~104°F)
• Storage / Stockage	-15°~40°C (5 ~104°F)
NOMINAL OPERATING TEMPERATURE / TEMPÉRATURE D'UTILISATION	25 ± 3°C (77 ± 5°F)
CAPACITY VS TEMPERATURE / CAPACITÉ SELON LA TEMPÉRATURE	40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 86%

Terminal

Unité : mm / Unit: inches



APPLICATIONS / APPLICATIONS

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



CONSTANT CURRENT DISCHARGE CHARACTERISTICS / CARACTÉRISTIQUES DE DÉCHARGE À COURANT CONSTANT

FV/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	3.73	2.28	1.78	1.48	1.10	0.813	0.714	0.523	0.411	0.296	0.236	0.201	0.172	0.136	0.111	0.059
1.80V/cell	4.01	2.42	1.86	1.54	1.14	0.835	0.731	0.534	0.418	0.301	0.240	0.204	0.175	0.138	0.112	0.059
1.75V/cell	4.23	2.52	1.92	1.59	1.17	0.853	0.746	0.543	0.426	0.306	0.243	0.207	0.177	0.139	0.113	0.060
1.70V/cell	4.43	2.62	1.99	1.63	1.20	0.872	0.760	0.553	0.432	0.311	0.246	0.209	0.179	0.141	0.115	0.060
1.67V/cell	4.58	2.69	2.04	1.67	1.22	0.886	0.771	0.560	0.437	0.314	0.249	0.211	0.181	0.142	0.115	0.061
1.60V/cell	4.86	2.80	2.11	1.72	1.25	0.908	0.789	0.572	0.446	0.319	0.253	0.215	0.183	0.144	0.117	0.062

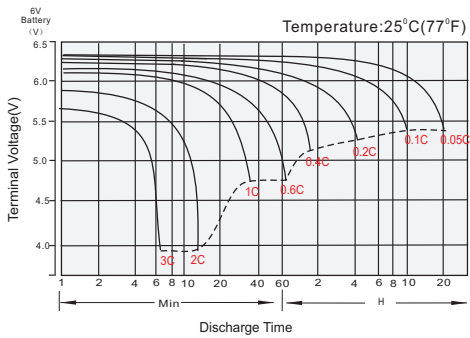
Units: Amperes (25°C, 77°F)

CONSTANT POWER DISCHARGE CHARACTERISTICS / CARACTÉRISTIQUES DE DÉCHARGE À PUISSANCE CONSTANTE

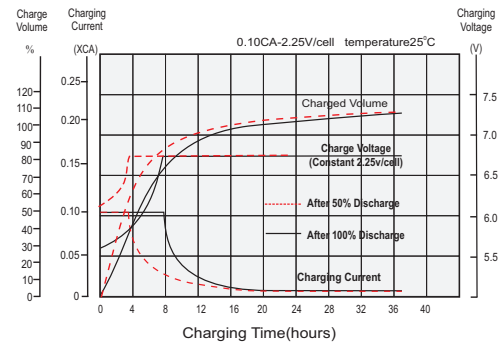
FV/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	7.06	4.34	3.40	2.86	2.13	1.58	1.39	1.02	0.804	0.583	0.465	0.397	0.341	0.269	0.220	0.117
1.80V/cell	7.52	4.57	3.55	2.96	2.19	1.61	1.42	1.04	0.817	0.591	0.471	0.402	0.345	0.273	0.223	0.119
1.75V/cell	7.84	4.72	3.64	3.02	2.23	1.64	1.44	1.05	0.830	0.599	0.477	0.407	0.349	0.275	0.225	0.120
1.70V/cell	8.13	4.87	3.74	3.09	2.28	1.67	1.46	1.07	0.840	0.607	0.483	0.412	0.353	0.278	0.227	0.121
1.67V/cell	8.34	4.98	3.82	3.15	2.32	1.70	1.48	1.08	0.848	0.612	0.487	0.415	0.356	0.280	0.229	0.122
1.60V/cell	8.68	5.13	3.92	3.23	2.37	1.73	1.51	1.10	0.862	0.621	0.494	0.420	0.360	0.284	0.232	0.123

Units: Amperes (25°C, 77°F)

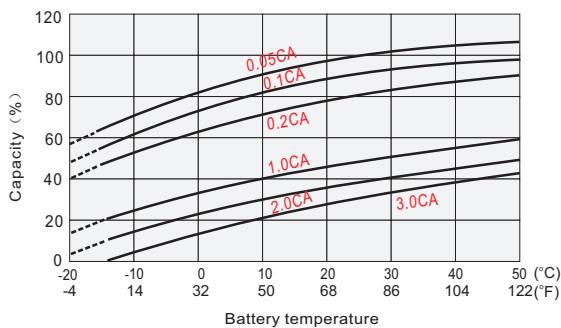
**DISCHARGE CHARACTERISTICS (25°C)
CARACTÉRISTIQUES DE DÉCHARGE**



**FLOAT CHARGING CHARACTERISTICS
CARACTÉRISTIQUES DE CHARGE EN FLOATING**



**TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY
EFFETS DE LA TEMPÉRATURE SUR LA CAPACITÉ DE LA BATTERIE**



**EFFECT OF TEMPERATURE ON LONG TERM FLOAT LIFE
EFFET DE LA TEMPÉRATURE SUR LA DURÉE DE VIE EN FLOATING À LONG TERME**

