



AGM LEAD ACID BATTERY

BATTERIE PLOMB AGM

0.8-12 General Purpose FR C01

MAIN INFORMATION / INFORMATIONS GÉNÉRALES

BRAND / MARQUE	NX
TECHNOLOGY / TECHNOLOGIE	AGM Lead acid
NOMINAL VOLTAGE / TENSION NOMINALE	12V
NOMINAL CAPACITY / CAPACITÉ NOMINALE (C ₂₀ , 1.75V/cell)	0.8Ah
DIMENSIONS (± 1 mm) / DIMENSIONS (± 1 mm)	
• Length / Longueur	96 mm (3.78 inches)
• Width / Largeur	25 mm (0.98 inches)
• Height / Hauteur	62 mm (2.44 inches)
• Total height with terminals / Hauteur totale (avec cosSES)	62 mm (2.44 inches)
WEIGHT (± 2 %) / POIDS (± 2 %)	Approx 0.33 kg (0.73bs)
TERMINAL / TYPE DE COSSES	JST = Connecteur spécial
CASING / TYPE DE BAC	UL94 V-0 (Flame retardant)

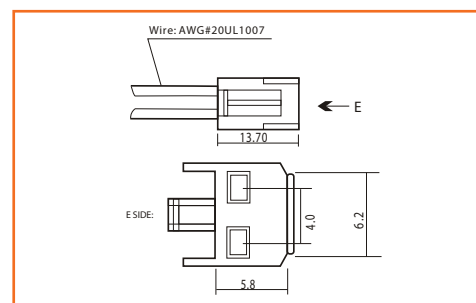


TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY / CAPACITÉ	0.80Ah / 0.040A (20hr, 1.75V/cell, 25°C/77°F)
	0.76Ah / 0.076A (10hr, 1.75V/cell, 25°C/77°F)
	0.67Ah / 0.134A (5hr, 1.75V/cell, 25°C/77°F)
	0.588Ah / 0.196A (3hr, 1.75V/cell, 25°C/77°F)
	0.486Ah / 0.486A (1hr, 1.60V/cell, 25°C/77°F)
DISCHARGE CURRENT / COURANT DE DÉCHARGE	12A (5S)
INTERNAL RESISTANCE / RÉSISTANCE INTERNE	Approx 340mΩ
OPERATING TEMPERATURE RANGE / PLAGE DE TEMPÉRATURE	
• Discharging / Décharge	-15° ~ 50°C (5 ~ 122°F)
• Charging / Charge	-20° ~ 40°C (-4 ~ 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

UPS / Onduleur

Emergency light / Éclairage de secours

Railway signal / Signalisation ferroviaire

Alarm and security system / Alarme et sécurité

Aircraft signal / Signal d'avion

Electronic devices and equipment / Appareils et équipements électroniques

Emergency backup / Alimentation de secours

Power supply / Réserve d'énergie

CONSTANT CURRENT DISCHARGE CHARACTERISTICS / CARACTÉRISTIQUES DE DÉCHARGE À COURANT CONSTANT

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	1.54	1.07	0.883	0.766	0.614	0.473	0.386	0.236	0.180	0.148	0.125	0.109	0.086	0.072	0.040
1.80V/cell	1.89	1.28	1.02	0.866	0.680	0.515	0.416	0.251	0.189	0.155	0.131	0.113	0.090	0.074	0.040
1.75V/cell	2.24	1.44	1.13	0.943	0.726	0.547	0.438	0.262	0.196	0.160	0.134	0.116	0.092	0.076	0.040
1.70V/cell	2.54	1.59	1.22	1.01	0.763	0.569	0.456	0.272	0.202	0.164	0.138	0.119	0.093	0.077	0.041
1.65V/cell	2.80	1.71	1.29	1.06	0.795	0.591	0.475	0.280	0.207	0.168	0.141	0.121	0.095	0.078	0.042
1.60V/cell	2.94	1.79	1.35	1.10	0.818	0.604	0.486	0.289	0.212	0.172	0.144	0.124	0.097	0.080	0.042

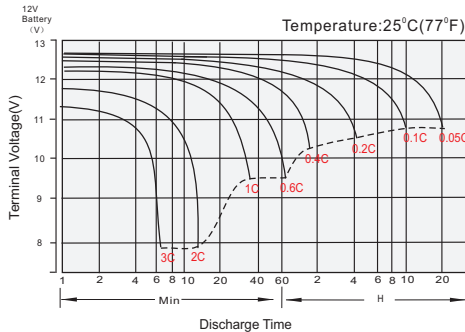
Units: Amperes (25°C, 77°F)

CONSTANT POWER DISCHARGE CHARACTERISTICS / CARACTÉRISTIQUES DE DÉCHARGE À PUISSANCE CONSTANTE

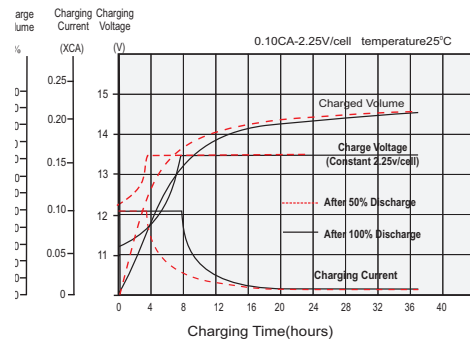
F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	2.90	2.04	1.70	1.48	1.20	0.927	0.761	0.467	0.357	0.295	0.251	0.218	0.174	0.145	0.080
1.80V/cell	3.52	2.41	1.95	1.67	1.32	1.00	0.815	0.494	0.374	0.308	0.260	0.226	0.179	0.149	0.080
1.75V/cell	4.12	2.70	2.13	1.80	1.40	1.06	0.853	0.512	0.384	0.316	0.266	0.230	0.183	0.151	0.081
1.70V/cell	4.62	2.94	2.29	1.92	1.46	1.09	0.884	0.530	0.395	0.322	0.271	0.235	0.184	0.153	0.082
1.65V/cell	5.03	3.13	2.39	1.99	1.51	1.13	0.915	0.543	0.403	0.327	0.275	0.238	0.187	0.154	0.082
1.60V/cell	5.19	3.21	2.46	2.03	1.53	1.14	0.928	0.556	0.410	0.333	0.279	0.241	0.189	0.156	0.082

Units: Amperes (25°C, 77°F)

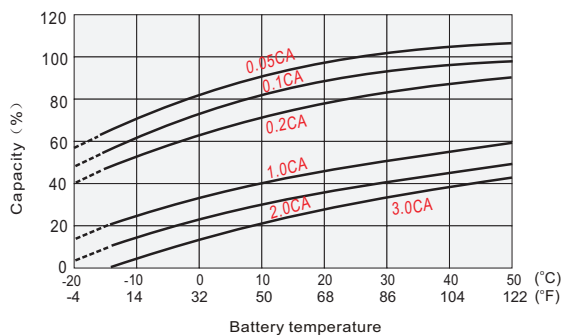
DISCHARGE CHARACTERISTICS (25°C)
CARACTÉRISTIQUES DE DÉCHARGE



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

