



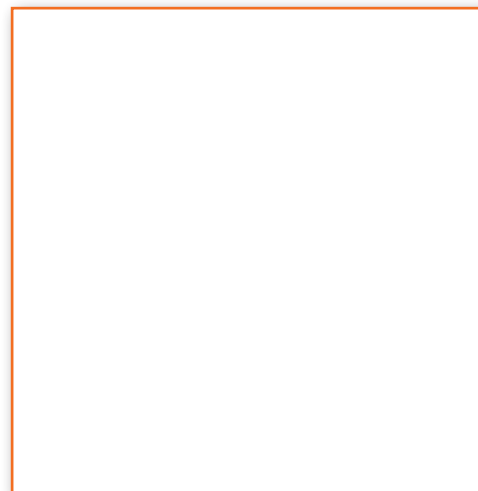
AGM VRLA LEAD ACID BATTERY

S 12V-2.2Ah



MAIN INFORMATION / INFORMATIONS GÉNÉRALES

BRAND / MARQUE	NX
TECHNOLOGY / TECHNOLOGIE	AGM VRLA (Stand-by use)
NOMINAL VOLTAGE / TENSION NOMINALE	12V
NOMINAL CAPACITY / CAPACITÉ NOMINALE	2.2Ah (20hr)
DIMENSIONS (± 2 mm) / DIMENSIONS (± 2 mm)	
• Length / Longueur	178 ± 2mm (2.76 inches)
• Width / Largeur	35 ± 2mm (1.89 inches)
• Height / Hauteur	61 ± 2mm (2.40 inches)
• Total height with terminals / Hauteur totale (avec cosSES)	67 ± 2mm (2.64 inches)
WEIGHT (± 2 %) / POIDS (± 2 %)	0.89kg (1.96lbs)
TERMINAL / TYPE DE COSSES	T1
CASING / TYPE DE BAC	UL94 HB (standard ABS)
COLOR / COULEUR DE BAC	Grey top and grey case

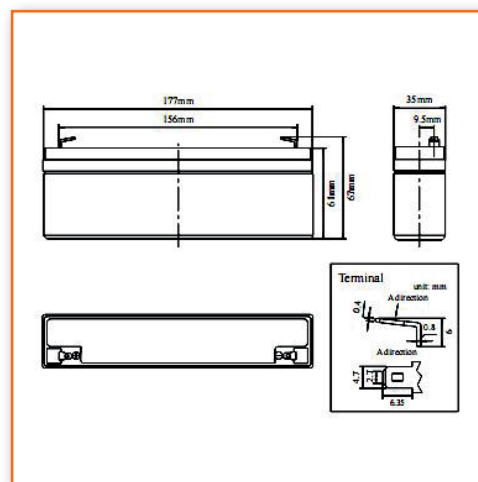


TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY / CAPACITÉ	2.2Ah / 0.11A (20hr,1.80V/cell,25°C/77°F) 1.98Ah / 1.198A (20hr,1.80V/cell,25°C/77°F) 1.87Ah / 0.374A (5hr,1.75V/cell,25°C/77°F) 1.32Ah / 1.32A (5hr,1.75V/cell,25°C/77°F)
DISCHARGE CURRENT / COURANT DE DÉCHARGE	34.5A (5s)
INTERNAL RESISTANCE / RÉSISTANCE INTERNE	Approx 75mΩ
OPERATING TEMPERATURE RANGE / PLAGES 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) 102% 25°C (77°F) 100% 0°C (32°F) 80% -15°C (5°F) 50%

T1 / Terminal

Unité : mm / Unit: inches



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

TMD 1 Description, classe : UN 2800 – accumulateurs inversables remplis d'électrolyte liquide, 8, none, (E)	
ADR : Not regulated	IMDG Not regulated
IATA : Exempt	Procédure TMD PROC 2 : UN 2800



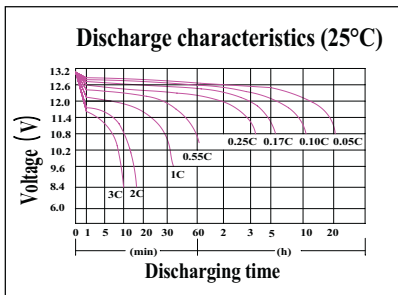
CONSTANT CURRENT DISCHARGE (AMPERES) AT 25°C
 TABLE DE DÉCHARGE À COURANT ET PUISSANCE CONSTANTS (A) À 25°C

F.V/Temps	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	7.3	4.8	3.6	2.42	1.69	1.45	0.91	0.62	0.41	0.28	0.23	0.12
1.65V	7.1	4.8	3.6	2.38	1.66	1.43	0.89	0.61	0.41	0.27	0.23	0.12
1.70V	7.0	4.7	3.5	2.33	1.63	1.40	0.87	0.60	0.40	0.27	0.22	0.12
1.75V	6.9	4.6	3.4	2.29	1.60	1.37	0.86	0.59	0.39	0.26	0.22	0.11
1.80V	6.6	4.4	3.3	2.20	1.54	1.32	0.83	0.57	0.38	0.25	0.21	0.11

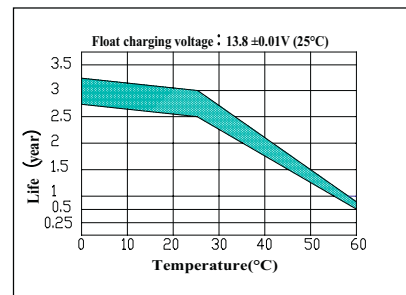
CONSTANT POWER DISCHARGE (WATTS) AT 25°C
 DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C

F.V/Temps	5min	10min	15min	30min	45min	1h	2h	3h	5h	8h	10h	20h
1.60V	14.0	9.3	7.0	4.66	3.26	2.80	1.75	1.20	0.80	0.54	0.44	0.23
1.65V	13.7	9.1	6.9	4.57	3.20	2.74	1.72	1.18	0.78	0.53	0.44	0.23
1.70V	13.5	9.0	6.8	4.49	3.14	2.69	1.68	1.15	0.77	0.52	0.43	0.22
1.75V	13.2	8.8	6.6	4.40	3.08	2.64	1.65	1.13	0.75	0.51	0.42	0.22
1.80V	12.7	8.5	6.4	4.24	2.96	2.54	1.59	1.09	0.73	0.49	0.40	0.21

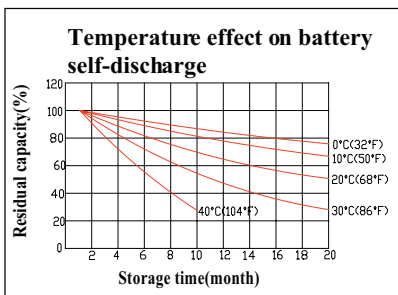
DISCHARGE CHARACTERISTICS
 CARACTÉRISTIQUES DE DÉCHARGE



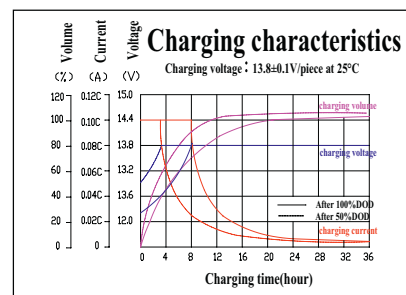
FLOAT CHARGING CHARACTERISTICS
 CARACTÉRISTIQUES DE CHARGE EN FLOATING



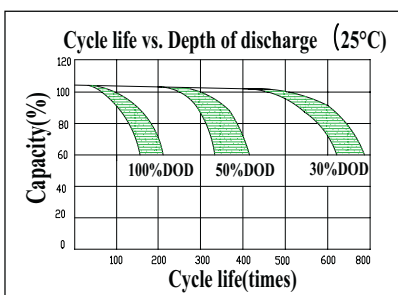
TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY
 EFFET DE LA TEMPÉRATURE SUR LA BATTERIE



CHARGING CHARACTERISTICS
 CARACTÉRISTIQUES DE CHARGE



CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE
 CYCLE DE VIE EN FONCTION DE LA PROFONDEUR DE LA DÉCHARGE



TEMPERATURE EFFECT ON CAPACITY
 EFFET DE LA TEMPÉRATURE SUR LA CAPACITÉ

