



AGM LEAD ACID BATTERY

65-12 General Purpose M6-F

AGM
GENERAL
PURPOSE

MAIN INFORMATION / INFORMATIONS GÉNÉRALES

BRAND	MARQUE	NX
TECHNOLOGY	TECHNOLOGIE	AGM Lead acid
NOMINAL VOLTAGE	TENSION NOMINALE	12V
NOMINAL CAPACITY	CAPACITÉ NOMINALE	65Ah (20hr)
DIMENSIONS	DIMENSIONS	
• Length / Longueur		348 ± 3mm (13.7 inches)
• Width / Largeur		167 ± 2mm (6.57 inches)
• Height / Hauteur		178 ± 2mm (7.01 inches)
• Total height with terminals / Hauteur totale (avec cosSES)		178 ± 2mm (7.01 inches)
WEIGHT (± 4 %)	POIDS (± 4 %)	Approx. 19.2 kg (42.3 lbs)
TERMINAL	TYPE DE COSSES	M6-F = M6 FEMALE
CASING	TYPE DE BAC	UL94 HB (Standard ABS)
COLOR	COULEUR DE BAC	Black top and black case
DESIGN LIFE	DURÉE DE VIE	5 years/ ans (20°C)

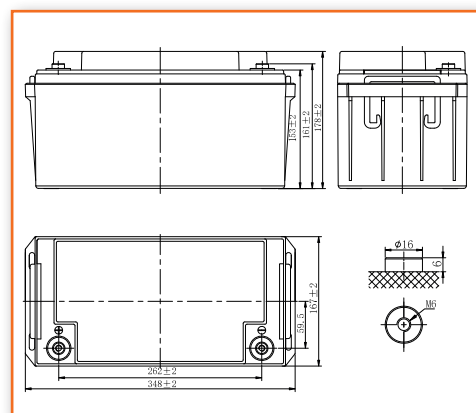


TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY	CAPACITÉ	65.0Ah / 3.25A (20hr, 1.80V/cell, 25°C/77°F) 62.1Ah / 6.21A (10hr, 1.80V/cell, 25°C/77°F) 53.6Ah / 10.72A (5hr, 1.75V/cell, 25°C/77°F) 45.8Ah / 15.3A (3hr, 1.75V/cell, 25°C/77°F) 37.5Ah / 37.5A (1hr, 1.60V/cell, 25°C/77°F)
DISCHARGE CURRENT	COURANT DE DÉCHARGE	780A (5s)
INTERNAL RESISTANCE	RÉSISTANCE INTERNE	Approx 7.3mΩ
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

All purpose / Tout usage

UPS / Onduleurs

Emergency light / Eclairage 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



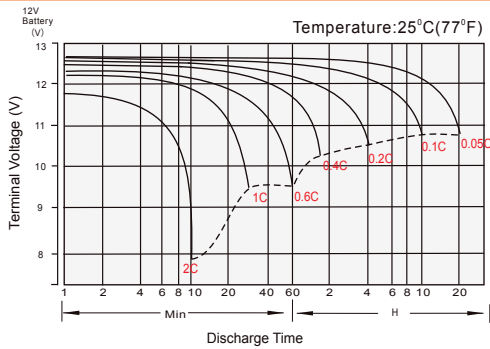
CONSTANT CURRENT DISCHARGE (AMPERES) AT 25°C
TABLE DE DÉCHARGE À COURANT ET PUISSANCE CONSTANTS (A) À 25°C

F.V/Temps	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	135.3	101.0	84.1	70.7	54.3	40.5	34.2	25.7	20.6	15.5	12.4	10.3	8.96	7.29	6.09	3.27
1.80V/cell	157.7	119.1	97.8	81.4	61.4	45.3	37.9	28.1	22.4	16.8	13.3	11.1	9.61	7.80	6.50	3.45
1.75V/cell	172.1	127.7	103.5	85.5	64.2	47.2	39.3	29.0	23.1	17.2	13.7	11.4	9.82	7.94	6.60	3.49
1.70V/cell	186.4	136.2	109.4	89.9	67.0	49.0	40.7	30.0	23.8	17.7	14.0	11.6	10.00	8.08	6.70	3.53
1.67V/cell	194.6	141.2	112.8	92.5	68.7	50.1	41.6	30.6	24.2	18.0	14.2	11.8	10.20	8.17	6.76	3.56
1.60V/cell	214.5	152.8	120.9	98.5	72.6	52.7	43.6	31.9	25.2	18.7	14.7	12.1	10.40	8.36	6.91	3.62

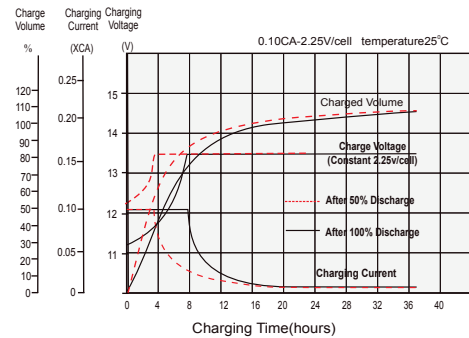
CONSTANT POWER DISCHARGE (WATTS) AT 25°C
DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C

F.V/Temps	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	257.0	193.3	161.6	136.2	105.0	78.6	66.6	50.1	40.2	30.4	24.3	20.3	17.7	14.4	12.1	6.49
1.80V/cell	295.1	225.2	186.0	155.4	117.7	87.3	73.2	54.5	43.5	32.8	26.1	21.8	18.9	15.4	12.8	6.84
1.75V/cell	317.1	238.6	194.7	161.5	122.0	90.1	75.3	56.0	44.6	33.5	26.6	22.3	19.3	15.6	13.0	6.93
1.70V/cell	337.8	251.1	203.4	168.3	126.2	92.8	77.6	57.5	45.8	34.3	27.2	22.7	19.6	15.9	13.2	7.01
1.67V/cell	349.4	258.3	210.4	171.9	128.7	94.4	78.8	58.3	46.4	34.7	27.5	22.9	19.8	16.0	13.3	7.06
1.60V/cell	375.4	273.8	219.5	180.2	134.2	98.2	81.9	60.4	48.0	35.8	28.3	23.5	20.3	16.3	13.6	7.17

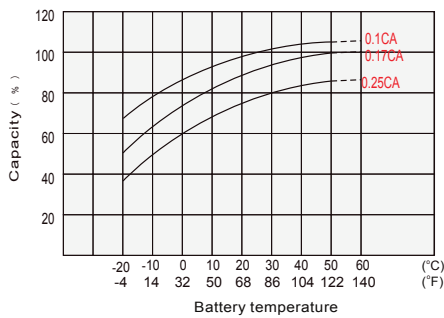
DISCHARGE CHARACTERISTICS
CARACTÉRISTIQUES DE DÉCHARGE



FLOAT CHARGING CHARACTERISTICS
COURANT DE DÉCHARGE ET TEMPS DE DÉCHARGE



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



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

