Part No: **AMP9056**

AGM LEAD ACID BATTERY
C 12V-20Ah

AGM CYCLIQUE

MAIN INFORMATION / **INFORMATIONS GÉNÉRALES**

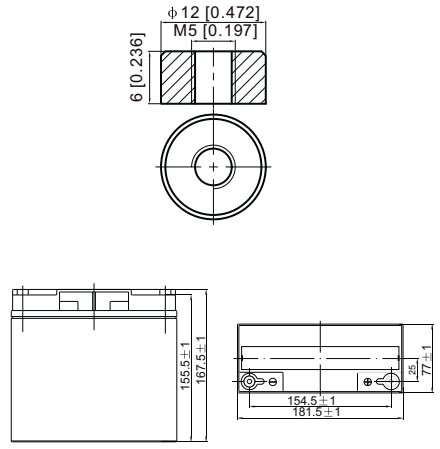
BRAND / MARQUE	NX
TECHNOLOGY / TECHNOLOGIE	AGM Lead acid
NOMINAL VOLTAGE / TENSION NOMINALE	12V
NOMINAL CAPACITY / CAPACITÉ NOMINALE	20Ah (20hr)
DIMENSIONS (± 2 mm) **/** DIMENSIONS (± 2 mm)	
• **Length /** Longueur	181.5 ± 2mm (7.14 inches)
• **Width /** Largeur	77 ± 1mm (3.03 inches)
• **Height /** Hauteur	167.5 ± 2mm (6.59 inches)
• **Total height with terminals /** Hauteur totale (avec cosses)	167.5 ± 2mm (6.59 inches)
WEIGHT (± 2 %) **/** POIDS (± 2 %)	Approx 6kg (13.23lbs)
TERMINAL / TYPE DE COSSES	T12
CASING / TYPE DE BAC	UL94 HB (Standard ABS)
COLOR / COULEUR DE BAC	Black top and black case

TECHNICAL INFORMATION / **INFORMATIONS TECHNIQUES**

CAPACITY / CAPACITÉ	20.7Ah / 0.207A (20hr,1.80V/cell,25°C/77°F) 18.9 Ah / 0.945A (10hr,1.80V/cell,25°C/77°F) 18.0 Ah / 1.80A (5hr,1.75V/cell,25°C/77°F) 16.0Ah / 3.20A (3hr,1.75V/cell,25°C/77°F) 11.0 Ah / 11.0A (1hr,1.60V/cell,25°C/77°F)
DISCHARGE CURRENT / COURANT DE DÉCHARGE	270A (5S)
INTERNAL RESISTANCE / RÉSISTANCE INTERNE	Approx 15mΩ
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%

■ T12 **/ Terminal**

Unité : mm **/ Unit: inches**



APPLICATIONS

Telecommunications / Télécoms
Green energy system / Systèmes d'énergies renouvelables
Solar stations / Solaire
Emergency light / Eclairage de secours
Trafficlights / Feux électriques
Aircraft signal / Signal d'avion
Railway signal / Signalisation ferroviaire
Street Signs / Signalisation routière
Alarm and security system / Alarme et sécurité
Caravans / Caravanes
Camping cars / Camping cars
Boats / Bateaux

ISO 9001 DEKRA Certification

ISO 14001 DEKRA Certification

Part No: AMP9056

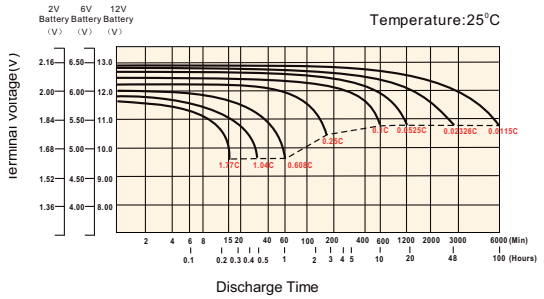
CONSTANT CURRENT DISCHARGE (AMPERES) AT 25°C
TABLE DE DÉCHARGE À COURANT ET PUISSANCE CONSTANTS (A) À 25°C

F.V/Temps	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	20.6	17.1	13.3	10.5	8.52	5.58	4.19	3.43	2.90	2.03	1.72	0.916	0.412	0.203
1.80V/cell	22.8	18.8	14.3	11.2	8.98	5.94	4.42	3.60	3.05	2.13	1.80	0.945	0.419	0.207
1.75V/cell	25.3	20.6	15.4	12.0	9.69	6.22	4.68	3.76	3.20	2.19	1.84	0.965	0.426	0.209
1.70V/cell	27.7	22.5	16.9	12.5	10.2	6.56	4.89	3.91	3.33	2.27	1.90	0.984	0.431	0.212
1.65V/cell	29.3	23.8	17.9	13.3	10.6	6.79	5.07	4.05	3.40	2.33	1.94	1.007	0.438	0.215
1.60V/cell	32.1	25.8	19.0	13.7	11.0	7.07	5.24	4.18	3.52	2.39	1.98	1.031	0.446	0.217

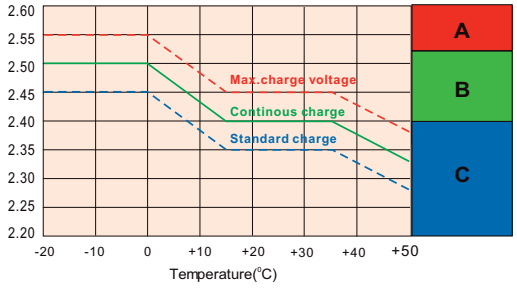
CONSTANT POWER DISCHARGE (WATTS) AT 25°C
DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C

F.V/Temps	15min	20min	30min	45min	1h	2h	3h	4h	5h	8h	10h	20h	48h	100h
1.85V/cell	38.8	32.6	25.6	20.4	16.7	11.0	8.24	6.77	5.74	4.04	3.45	1.83	0.829	0.407
1.80V/cell	42.5	35.3	27.2	21.4	17.4	11.6	8.65	7.06	6.00	4.23	3.59	1.89	0.839	0.416
1.75V/cell	46.5	38.3	29.0	22.8	18.7	12.1	9.12	7.35	6.29	4.34	3.67	1.93	0.851	0.418
1.70V/cell	50.1	41.5	31.7	23.7	19.7	12.7	9.52	7.65	6.53	4.50	3.78	1.96	0.860	0.423
1.65V/cell	52.9	43.7	33.3	25.1	20.3	13.1	9.85	7.90	6.66	4.61	3.86	2.01	0.875	0.429
1.60V/cell	56.8	46.7	35.0	25.7	20.9	13.5	10.1	18.1	16.86	4.72	3.94	2.05	0.889	0.432

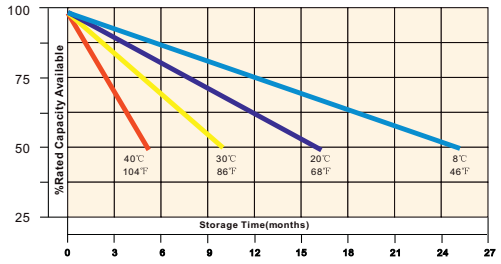
DISCHARGE CHARACTERISTICS
CARACTÉRISTIQUES DE DÉCHARGE



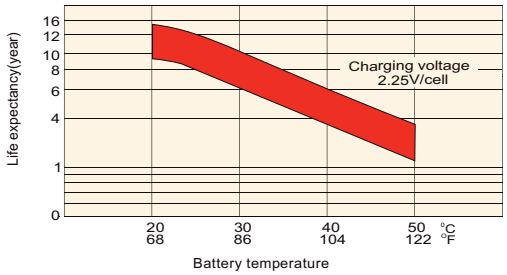
FLOAT CHARGING CHARACTERISTICS
CARACTÉRISTIQUES DE CHARGE EN FLOATING



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



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



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