



# AGM LEAD ACID BATTERY

## BATTERIE PLOMB AGM

### S 12V-33Ah

**AGM**  
STANDARD

#### MAIN INFORMATION / INFORMATIONS GÉNÉRALES

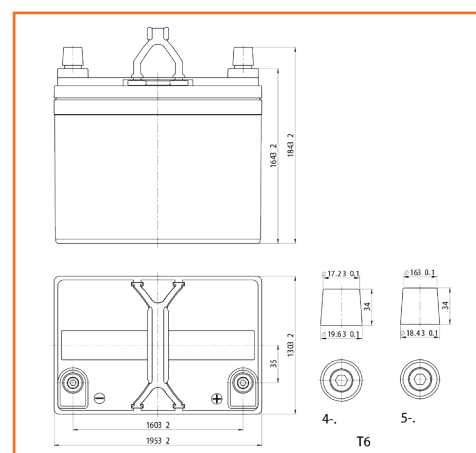
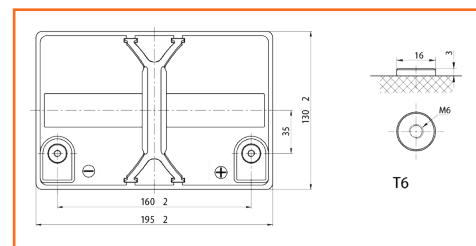
<b>BRAND</b>	MARQUE	NX
<b>TECHNOLOGY</b>	TECHNOLOGIE	AGM Lead acid
<b>NOMINAL VOLTAGE</b>	TENSION NOMINALE	12V
<b>NOMINAL CAPACITY</b>	CAPACITÉ NOMINALE	33Ah (20hr)
<b>DIMENSIONS ( ± 2 mm)</b>	DIMENSIONS ( ± 2 mm)	
• <b>Length / Longueur</b>		195±2mm (7.68 inches)
• <b>Width / Largeur</b>		130±2mm (5.12 inches)
• <b>Height / Hauteur</b>		164±2mm (6.46 inches)
• <b>Total height with auto terminal adaptor / Hauteur totale (avec borne auto)</b>		184±2mm (7.01 inches)
<b>WEIGHT ( ± 2 %)</b>	POIDS ( ± 2 %)	Approx 10.5kg (23.2 lbs)
<b>TERMINAL</b>	TYPE DE COSSES	T6 + Auto terminal adaptor
<b>CASING</b>	TYPE DE BAC	UL94 HB (Standard ABS)
<b>COLOUR</b>	COULEUR DE BAC	Black top and black case



#### TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

<b>CAPACITY</b>	CAPACITÉ	33.0 Ah/1.65A (20hr,1.80V/cell,25°C/77°F) 30.7 Ah/3.07A (10hr,1.80V/cell,25°C/77°F) 28.1 Ah/5.61A (5hr,1.75V/cell,25°C/77°F) 25.3 Ah/8.42A (3hr,1.75V/cell,25°C/77°F) 20.7 Ah/20.7A (1hr,1.60V/cell,25°C/77°F)
<b>MAX DISCHARGE CURRENT</b>	COURANT DE DÉCHARGE	495A (5s)
<b>INTERNAL RESISTANCE</b>	RÉSISTANCE INTERNE	Approx 12mΩ
<b>OPERATING TEMPERATURE RANGE</b>	PLAGE DE TEMPÉRATURE	
• <b>DISCHARGING / DÉCHARGE</b>		-15~ 50 °C (5 ~122 °F)
• <b>CHARGING / CHARGE</b>		0 ~40 °C (32~ 104 °F)
• <b>STORAGE / STOCKAGE</b>		-15~ 40°C(5 ~104 °F)
<b>NOMINAL OPERATING TEMPERATURE</b>	TEMPÉRATURE D'UTILISATION	25± 3°C (77 ± 5° F )
<b>CAPACITY VS TEMPERATURE</b>	CAPACITÉ SELON LA TEMPÉRATURE	40°C (1040 F) 103% 25°C ( 770 F) 100% 0°C ( 320 F) 86%

■ T6 + Auto terminal adaptor  
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**
**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**
[www.enix-energies.com](http://www.enix-energies.com) • Date: 2020-10-20


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OUTLINE SAFETY WARNING: USE ONLY WITH IN THE ALLOWED PARAMETERS. Do not short circuit or over-load the battery. Charge only using an approved charger designed specifically to charge this battery. Do not heat above maximum temperatures indicated. Never crush, mutilate, puncture or abuse the battery. Do not dismantle the pack or disable any of the protective devices or circuits. DO NOT USE THE BATTERY IF YOU SUSPECT IT MAY BE FAULTY OR DAMAGED.

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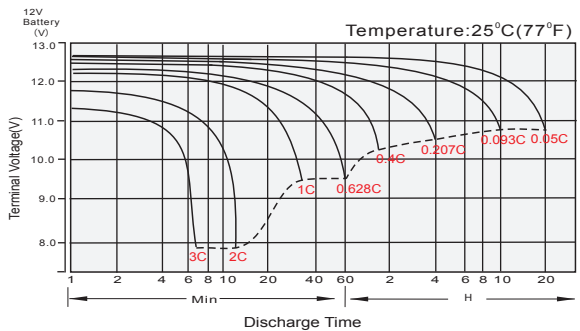
**CONSTANT CURRENT DISCHARGE (AMPERES) AT 25°C**  
**TABLE DE DÉCHARGE À COURANT ET PUISSANCE CONSTANTS (A) À 25°C**

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	62.8	48.3	40.0	34.6	26.7	19.69	16.6	9.81	7.68	6.24	5.09	4.42	3.56	2.98	1.63
1.80V/cell	84.4	61.7	48.3	40.9	31.5	22.9	18.6	10.7	8.26	6.67	5.46	4.74	3.78	3.07	1.65
1.75V/cell	95.1	67.8	52.8	44.0	32.7	23.8	19.4	11.1	8.42	6.81	5.61	4.87	3.84	3.15	1.67
1.70V/cell	104.7	73.9	56.3	46.2	34.1	24.7	20.1	11.4	8.65	7.00	5.75	4.97	3.90	3.21	1.70
1.65V/cell	115.5	79.7	59.9	49.1	35.9	25.3	20.5	11.6	9.02	7.24	5.91	5.08	3.96	3.28	1.72
1.60V/cell	127.4	86.5	64.1	52.3	38.0	26.4	20.7	12.0	9.29	7.46	6.11	5.19	4.00	3.32	1.73

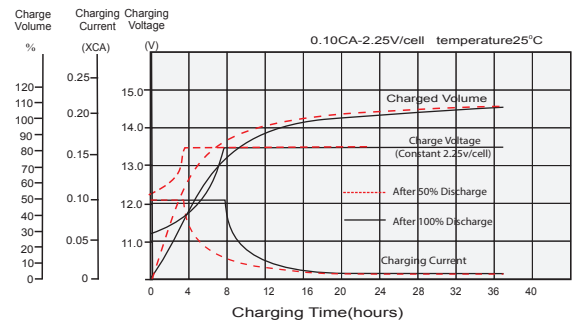
**CONSTANT POWER DISCHARGE (WATTS) AT 25°C**  
**DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C**

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	114.9	89.1	74.6	65.2	50.9	37.8	32.0	19.1	15.0	12.2	10.0	8.69	7.03	5.89	3.24
1.80V/cell	152.6	112.6	88.9	75.9	59.2	43.7	35.7	20.7	16.0	13.0	10.7	9.28	7.44	6.06	3.26
1.75V/cell	168.4	121.7	95.9	80.9	60.9	44.9	37.1	21.3	16.2	13.2	10.9	9.50	7.55	6.22	3.29
1.70V/cell	180.3	129.6	101.0	84.3	63.1	46.5	38.2	21.8	16.7	13.5	11.2	9.69	7.65	6.34	3.35
1.65V/cel	196.0	138.6	106.6	88.9	66.0	47.2	38.8	22.0	17.3	13.9	11.4	9.87	7.75	6.46	3.39
1.60V/cell	211.2	147.1	112.1	93.7	69.2	49.0	39.0	22.9	17.7	14.3	11.8	10.0	7.81	6.52	3.40

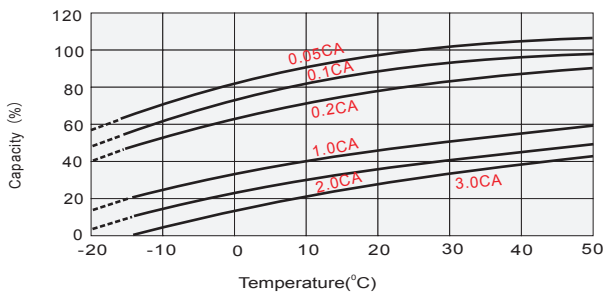
**DISCHARGE CHARACTERISTICS**  
**CARACTÉRISTIQUES DE DÉCHARGE**



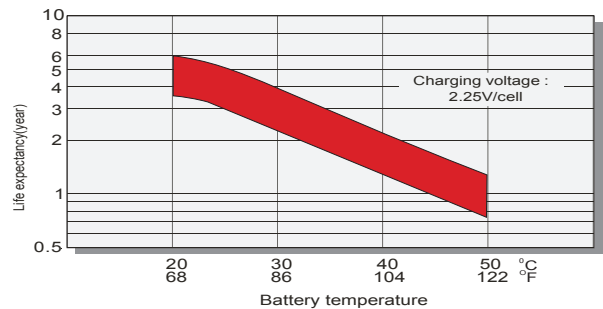
**FLOAT CHARGING CHARACTERISTICS**  
**COURANT DE DÉCHARGE ET TEMPS DE DÉCHARGE**



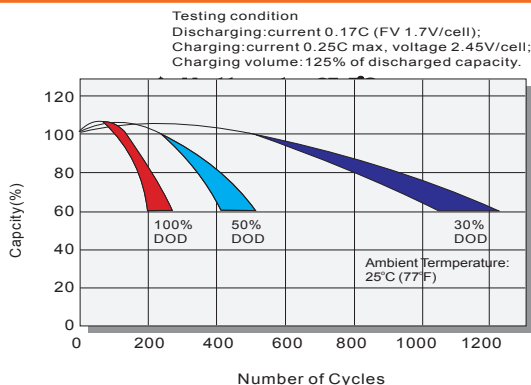
**TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY**  
**EFFET DE LA TEMPÉRATURE SUR LA BATTERIE**



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



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



**SELF DISCHARGE CHARACTERISTICS**  
**RELATION ENTRE LA CAPACITÉ ET LE TEMPS DE STOCKAGE**

