



# UPS HIGH RATE FRONT TERMINAL BATTERY

## BATTERIE UPS HIGH RATE FRONT TERMINAL

### 12FTA-155 UPS HIGH RATE M8-F

**AGM**  
UPS

#### MAIN INFORMATION / INFORMATIONS GÉNÉRALES

<b>BRAND</b>	MARQUE	NX
<b>TECHNOLOGY</b>	TECHNOLOGIE	AGM Lead acid / Plomb AGM
<b>VOLTAGE</b>	TENSION	12V
<b>NOMINAL CAPACITY</b>	CAPACITÉ NOMINALE	155Ah (10h) 135Ah (5h) 96Ah (1h)
<b>DIMENSIONS (±2mm)</b>	DIMENSIONS (±2mm)	
• <b>Length / Longueur</b>		551mm
• <b>Width / Largeur</b>		110mm
• <b>Height / Hauteur</b>		287mm
• <b>Total height with terminals / Hauteur totale (avec cosses)</b>		287mm
<b>WEIGHT</b>	POIDS	44.5kg
<b>TERMINAL</b>	BORNES	M8-F

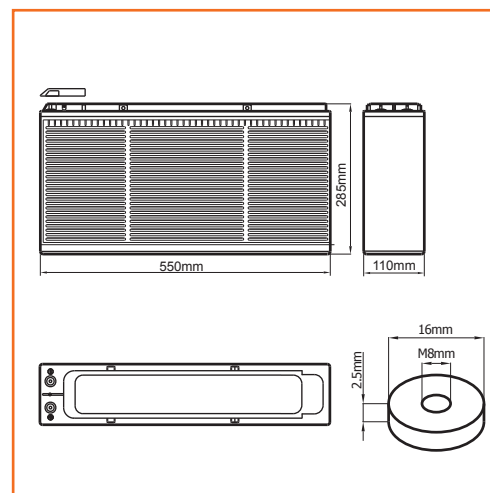


#### TECHNICAL INFORMATION / INFORMATIQUES TECHNIQUES

<b>MAXD DISCHARGE CURRENT</b>	COURANT DE DÉCHARGE MAX	1200A (5s)
<b>MAX CHARGING CURRENT</b>	COURANT DE CHARGE	46.5A
<b>INTERNAL RESISTANCE</b>	RÉSISTANCE INTERNE	Approx. 4.5mΩ
<b>OPERATING TEMPERATURE RANGE</b>	PLAGE DE TEMPÉRATURE	
• <b>Discharging / Décharge</b>		-15°C~50°C (5°F~122°F)
• <b>Charging / Charge</b>		-10°C~50°C (14°F~122°F)
• <b>Storage / Stockage</b>		-20°C~50°C (-4°F~122°F)
<b>NOMINAL OPERATING TEMPERATURE</b>		25°C±3°C(77°F±5°F)
<b>PLAGE DE TEMPÉRATURE</b>		
<b>CAPACITY VS TEMPERATURE</b>	CAPACITÉ SELON LA TEMPÉRATURE	
		40°C: 102%
		25°C: 100%
		0°C: 85%
		-15°C: 65%

#### TERMINAL: M8-F

Unit: mm / Unité: mm



#### APPLICATIONS

POWER CABINETS / ARMOIRES ÉLECTRIQUES

TELECOMS / TÉLÉCOMMUNICATIONS

UPS / ONDULEURS

POWER SUPPLY / RÉSERVE D'ÉNERGIE

RAILWAY AND MARINE SIGNAL / SIGNALISATION FERROVIAIRE ET MARINE

<b>TMD 1 DESCRIPTION, CLASSE: 2800</b>	
<b>ADR:</b> Not regulated	<b>IMDG:</b> Not regulated
<b>IATA:</b> Exempt	<b>PROCÉDURE TMD:</b> Proc 2 UN2800



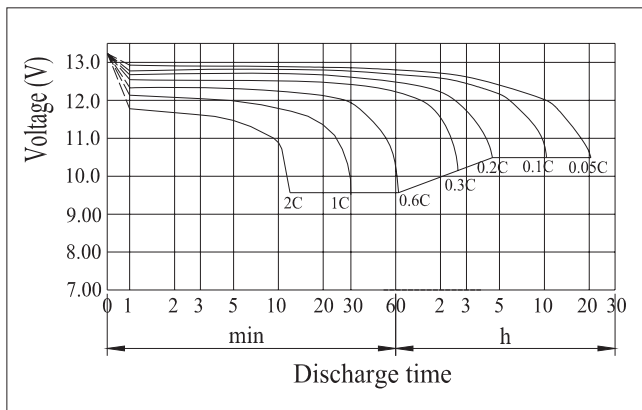
**CONSTANT CURRENT DISCHARGE CHARACTERISTICS (A, 25°C)**  
**CARACTÉRISTIQUES DE DÉCHARGE À COURANT CONSTANT (A, 25°C)**

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V/cell	251	152	96.1	56.6	39.5	32.4	27.7	24.2	18.9	15.8	8.28
9.90V/cell	245	149	94.7	56.3	39.3	32.2	27.5	24.0	18.9	15.7	8.27
10.2V/cell	236	144	92.3	56.3	39.0	32.0	27.3	23.9	18.7	15.7	8.24
10.5V/cell	228	141	90.4	55.0	38.8	31.8	27.1	23.7	18.6	15.6	8.19
10.8V/cell	216	136	87.6	53.6	37.6	30.8	26.3	23.0	18.0	15.5	8.14

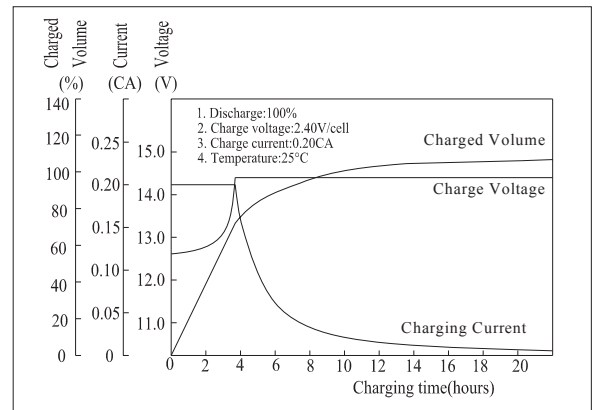
**CONSTANT POWER DISCHARGE CHARACTERISTICS (WATT, 25°C)**  
**CARACTÉRISTIQUES DE DÉCHARGE À PUISSANCE CONSTANTE (WATT, 25°C)**

F.V/TIME	15min	30min	60min	2h	3h	4h	5h	6h	8h	10h	20h
9.60V/cell	2752	1704	1096	656	465	381	327	287	225	188	99.4
9.90V/cell	2686	1670	1079	652	462	379	325	285	224	188	99.2
10.2V/cell	2587	1619	1052	646	459	376	322	283	223	187	98.9
10.5V/cell	2499	1580	1031	636	456	374	321	280	221	186	98.3
10.8V/cell	2367	1522	999	620	442	362	311	272	214	185	97.7

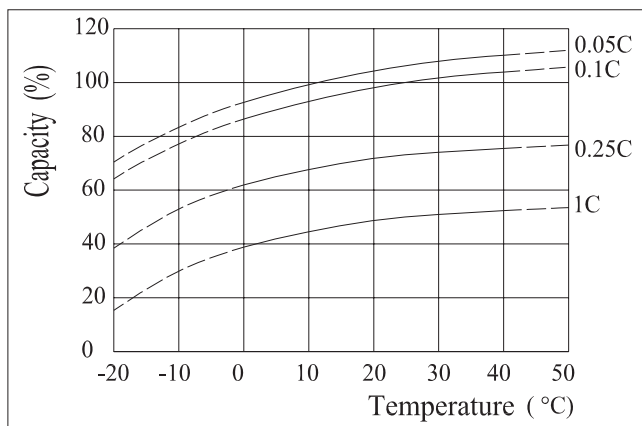
**DISCHARGE CHARACTERISTICS(25°C)**  
**CARACTÉRISTIQUES DE DÉCHARGE (25°C)**



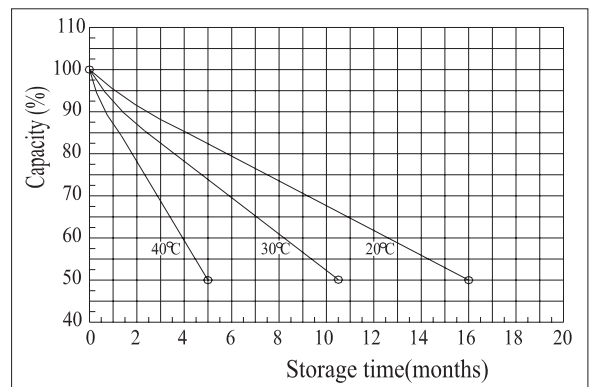
**CHARGING CHARACTERISTICS(25°C)**  
**CARACTÉRISTIQUES DE CHARGE (25°C)**



**EFFECT OF TEMPERATURE ON CAPACITY**  
**EFFET DE LA TEMPÉRATURE SUR LA CAPACITÉ**



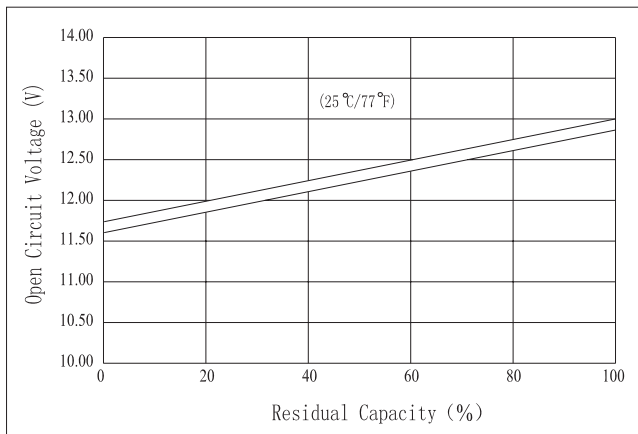
**SELF-DISCHARGE CHARACTERISTICS**  
**CARACTÉRISTIQUES D'AUTO-DÉCHARGE**



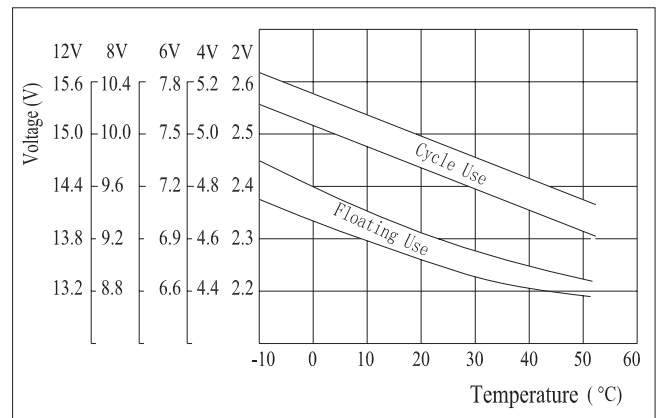
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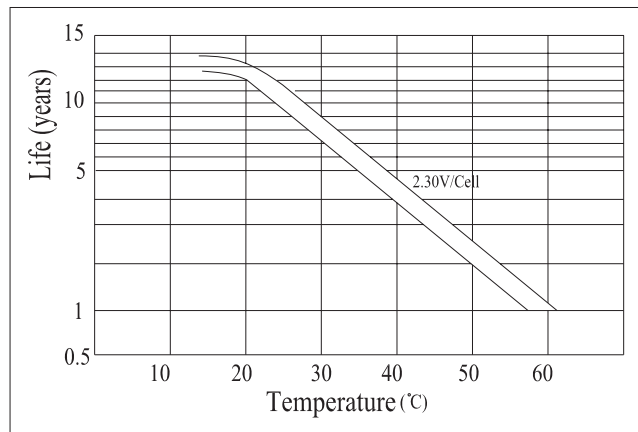
**THE RELATIONSHIP FOR OPEN CIRCUIT VOLTAGE AND RESIDUAL CAPACITY (25°C)**  
 LA RELATION ENTRE LA TENSION EN CIRCUIT OUVERT ET LA CAPACITÉ RÉSIDUELLE (25°C)



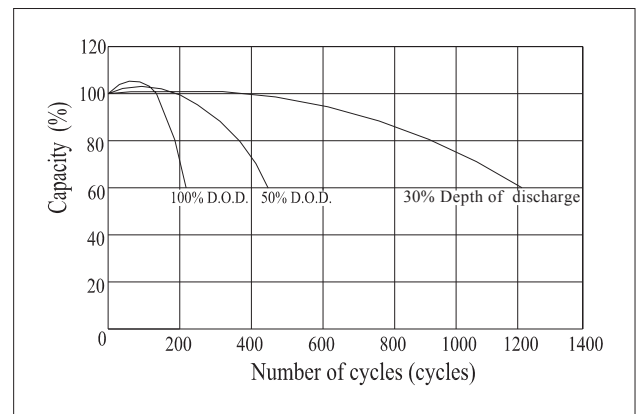
**THE RELATIONSHIP FOR CHARGING VOLTAGE AND TEMPERATURE**  
 LA RELATION ENTRE LA TENSION ET LA TEMPÉRATURE DE CHARGE



**FLOATING LIFE ON TEMPERATURE**  
 DURÉE DE VIE EN FLOATING À TEMPÉRATURE



**CYCLE LIFE ON D.O.D (25°C)**  
 CYCLE DE VIE SUR D.O.D (25°C)



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