



AGM LEAD ACID BATTERY

HR12V-5.4Ah Bornes 6.35

AGM
STANDARD

MAIN INFORMATION / INFORMATIONS GÉNÉRALES

BRAND	MARQUE	NX
TECHNOLOGY	TECHNOLOGIE	AGM Lead acid
NOMINAL VOLTAGE	TENSION NOMINALE	12V
NOMINAL CAPACITY	CAPACITÉ NOMINALE	5.4Ah (20hr)
DIMENSIONS	DIMENSIONS	
• Length / Longueur		90 ± 2mm (3.54 inches)
• Width / Largeur		70 ± 2mm (2.76 inches)
• Height / Hauteur		101 ± 2mm (3.98 inches)
• Total height with terminals / Hauteur totale (avec cosSES)		107 ± 2mm (4.21 inches)
WEIGHT (± 4 %)	POIDS (± 4 %)	1.8kg
TERMINAL	TYPE DE COSSES	T2
CASING	TYPE DE BAC	UL94 HB (STANDARD ABS)
COLOR	COULEUR DE BAC	Black top and black case

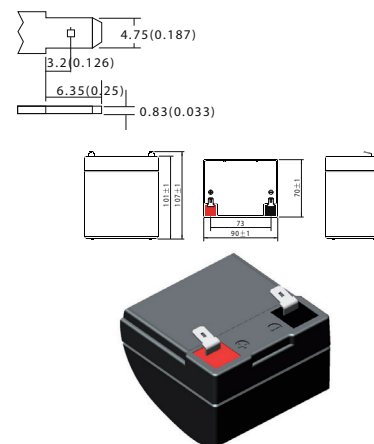


TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY	CAPACITÉ	5.40 Ah (20hr, 0.270A, 1.75V/cell) 5.51 Ah (10hr, 0.551A, 1.75V/cell) 4.65 Ah (5hr, 0.929A, 1.75V/cell) 4.14 Ah (3hr, 1.38A, 1.75V/cell) 3.54 Ah (1hr, 3.54A, 1.67V/cell)
DISCHARGE CURRENT	COURANT DE DÉCHARGE	90A(5S)
INTERNAL RESISTANCE	RÉSISTANCE INTERNE	Approx 25mΩ
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%

T2 / Terminal

Unité : mm / Unit: inches



Adaptateur borne 6.35 fourni avec la batterie.

APPLICATIONS

UPS (High rate) / Onduleur (Décharges rapides)
Emergency backup / Alimentation de secours
Power supply / Réserve d'énergie
Starting system / Démarrage
Emergency lighting / Eclairage de secours
Power tools / Outillage



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	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	20.2	14.0	10.8	8.64	6.21	4.43	3.27	2.35	1.85	1.33	1.06	0.905	0.775	0.610	0.499	0.264
1.80V/cell	21.7	14.8	11.3	8.98	6.40	4.55	3.35	2.40	1.88	1.36	1.08	0.918	0.787	0.619	0.506	0.267
1.75V/cell	22.9	15.4	11.7	9.23	6.57	4.65	3.42	2.45	1.92	1.38	1.09	0.929	0.796	0.626	0.511	0.270
1.70V/cell	24.0	16.0	12.1	9.50	6.73	4.75	3.48	2.49	1.95	1.40	1.11	0.942	0.805	0.632	0.516	0.272
1.67V/cell	24.8	16.5	12.4	9.70	6.85	4.83	3.54	2.52	1.97	1.41	1.12	0.950	0.812	0.637	0.520	0.274
1.60V/cell	26.3	17.2	12.8	9.98	7.04	4.95	3.62	2.57	2.01	1.44	1.14	0.966	0.824	0.646	0.526	0.277

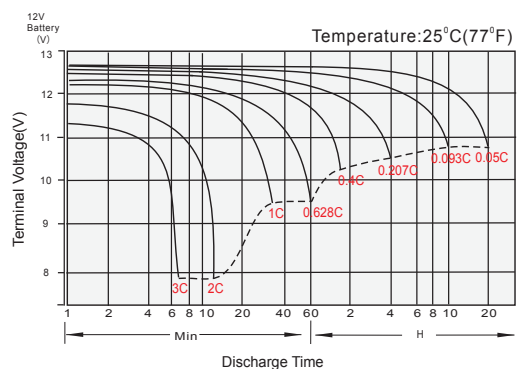
CONSTANT POWER DISCHARGE (WATTS) AT 25°C

DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C

F.V/Time	5min	10min	15min	20min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	38.2	26.6	20.6	16.6	12.0	8.59	6.36	4.59	3.62	2.62	2.09	1.79	1.53	1.21	0.992	0.528
1.80V/cell	40.7	28.0	21.5	17.2	12.3	8.79	6.50	4.68	3.68	2.66	2.12	1.81	1.55	1.23	1.00	0.534
1.75V/cell	42.4	28.9	22.1	17.6	12.6	8.95	6.60	4.75	3.73	2.70	2.15	1.83	1.57	1.24	1.01	0.540
1.70V/cell	44.0	29.8	22.7	18.0	12.8	9.12	6.71	4.82	3.78	2.73	2.17	1.85	1.59	1.25	1.02	0.544
1.67V/cell	45.2	30.5	23.2	18.3	13.0	9.24	6.80	4.87	3.81	2.75	2.19	1.87	1.60	1.26	1.03	0.549
1.60V/cell	47.0	31.4	23.8	18.8	13.3	9.41	6.92	4.95	3.88	2.80	2.22	1.89	1.62	1.28	1.04	0.555

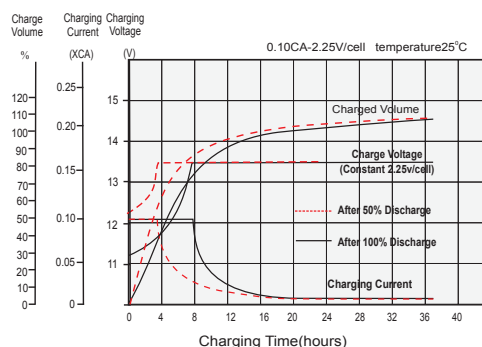
DISCHARGE CHARACTERISTICS

CARACTÉRISTIQUES DE DÉCHARGE



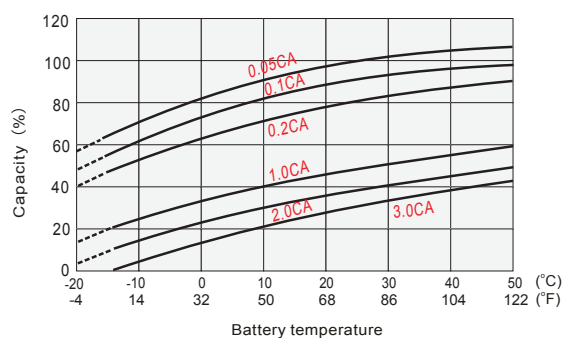
FLOAT CHARGING CHARACTERISTICS

CARACTÉRISTIQUES DE CHARGE EN FLOATING



TEMPERATURE EFFECTS IN RELATION TO BATTERY CAPACITY

EFFET DE LA TEMPÉRATURE SUR LA BATTERIE



FLOAT SERVICE LIFE

DURÉE DE VIE EN FLOATING

