Ref. : AMP90124

GEL LEAD ACID BATTERY
BATTERIE PLOMB ÉTANCHE GEL
60-12 Cyclic 12V 60Ah M6-F

GEL deep cycle

MAIN INFORMATION / INFORMATIONS GÉNÉRALES

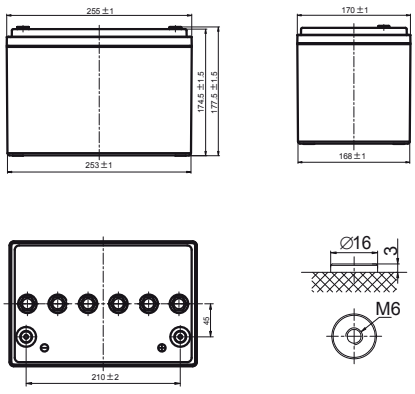
BRAND	MARQUE	NX
TECHNOLOGY	TECHNOLOGIE	Gel Lead Acid / Plomb étanche gel
NOMINAL VOLTAGE	TENSION NOMINALE	12V
NOMINAL CAPACITY	CAPACITÉ NOMINALE	60Ah
DIMENSIONS (± 2 mm)	DIMENSIONS (± 2 mm)	
• **Length /** Longueur		255 ± 2mm (10.0 inches)
• **Width /** Largeur		170 ± 2mm (6.69 inches)
• **Height /** Hauteur		174.5 ± 2mm (6.87 inches)
• **Total height with terminals /** Hauteur totale (avec cosses)		177.5 ± 2mm (6.99 inches)
WEIGHT (± 2 %)	POIDS (± 2 %)	Approx 20.2kg (50.7lbs)
TERMINAL	TYPE DE COSSES	M6

TECHNICAL INFORMATION / INFORMATIONS TECHNIQUES

CAPACITY	CAPACITÉ	60.0Ah (20hr,3.00A,1.80V/cell) 50.0 Ah (10hr,5.00A,1.80V/cell) 47.5 Ah (5hr,9.50A,1.75V/cell) 44.1 Ah (3hr,14.7A,1.75V/cell) 34.4 Ah (1hr,34.4A,1.67V/cell)
DISCHARGE CURRENT	COURANT DE DÉCHARGE	500A (5s)
INTERNAL RESISTANCE	RÉSISTANCE INTERNE	Approx 8.5mΩ
OPERATING TEMPERATURE RANGE	PLAGE DE TEMPÉRATURE	
• **Discharging /** Décharge		-20°~55°C (4 ~131°F)
• **Charging /** Charge		0°~40°C (32 ~104°F)
• **Storage /** Stockage		-20°~50°C (-4 ~122°F)
NOMINAL OPERATING TEMPERATURE	TEMPÉRATURE D'UTILISATION	25 ± 3°C (77 ± 5°F)
CYCLE USE	RECHARGE EN UTILISATION CYCLIQUE	14.4V~14.7V at 25°C (77°F) Temp. coefficient -30mV/°C
CAPACITY VS TEMPERATURE	CAPACITÉ SELON LA TEMPÉRATURE	40°C (104°F) 103% 25°C (77°F) 100% 0°C (32°F) 86%

M6 / Terminal

Unité : mm **/ Unit: inches**



APPLICATIONS / APPLICATIONS

Electrically powered wheelchair / Fauteuil roulant électrique
Lawn-mower / Tondeuse à gazon
Golf trolleys and golf cart / Chariots de golf et voiturettes de golf
Railway and marine systems / Infrastructures ferroviaires et maritimes

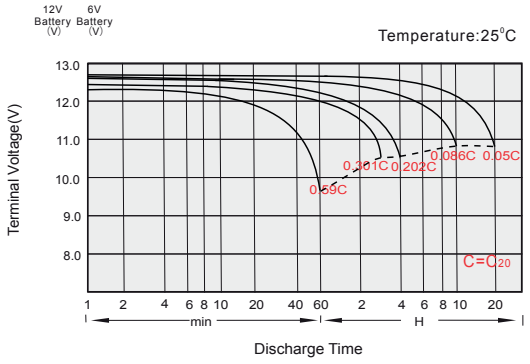
CONSTANT CURRENT DISCHARGE (AMPERES) AT 25°C
TABLE DE DÉCHARGE À COURANT ET PUISSANCE CONSTANTS (A) À 25°C

F.V/Time	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	26.4	16.2	12.9	10.4	8.75	7.46	5.84	4.90	2.79
1.80V/cell	29.2	17.9	14.1	11.3	9.21	7.89	6.08	5.00	3.00
1.75V/cell	32.7	19.2	14.7	11.7	9.50	8.14	6.18	5.15	3.03
1.67V/cell	34.4	19.9	15.1	11.9	9.75	8.27	6.29	5.20	3.05
1.60V/cell	35.5	20.3	15.3	12.1	9.95	8.41	6.35	5.25	3.08

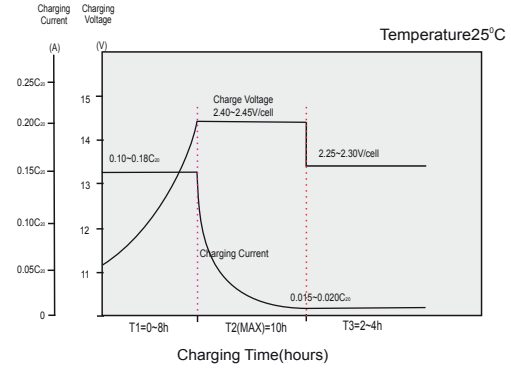
CONSTANT POWER DISCHARGE (WATTS) AT 25°C
DÉCHARGE À PUISSANCE CONSTANTE (WATTS) À 25°C

F.V/Time	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	51.2	31.7	25.2	20.5	17.2	14.7	11.6	9.73	5.36
1.80V/cell	56.3	34.7	27.5	22.1	18.0	15.5	12.0	9.91	5.76
1.75V/cell	62.7	37.0	28.6	22.7	18.5	16.0	12.2	10.2	5.82
1.67V/cell	65.2	38.2	29.2	23.0	19.0	16.2	12.3	10.3	5.88
1.60V/cell	66.6	38.7	29.4	23.3	19.3	16.3	12.4	10.3	5.95

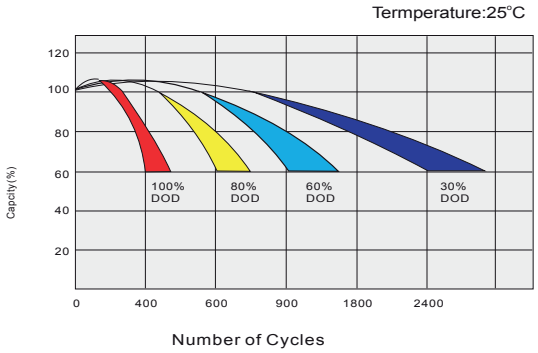
DISCHARGE CHARACTERISTICS
CARACTÉRISTIQUES DE DÉCHARGE



CHARGING CHARACTERISTICS
CARACTÉRISTIQUES DE CHARGE



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



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