

## TECHNICAL SPECIFICATION MX-06070 (6 V 7.0 AH)

20 HOURS RATE

I N D E X		S P E C I F I C A T I O N			
NOMINAL VOLTAGE		6 V			
NOMINAL CAPACITY (20HR)		6.00 AH (DISCHARGE TO 5.25 V)			
10 HOUR RATE CAPACITY		5.55 AH (DISCHARGE TO 5.25 V)			
5 HOUR RATE CAPACITY		5.12 AH (DISCHARGE TO 5.25 V)			
1 HOUR RATE CAPACITY		3.60 AH (DISCHARGE TO 5.25 V)			
CAPACITY AFFECTED BY TEMPERATURE		30°C (86°F)	103%		
		25°C (77°F)	100%		
		10°C (50°F)	90%		
		-10°C (14°F)	74%		
INTERNAL RESISTANCE		25°C FULL CHARGE	APPROX. LESS THAN 16 mΩ		
MAX. DISCHARGE CURRENT		24 A (CONTINUOUS)			
SELF DISCHARGE (20°C, 68°C)		AFTER 1 MONTH	5%		
		AFTER 3 MONTH	10%		
		AFTER 6 MONTH	19%		
WEIGHT		APROX. 1.15 Kg (2.54 lbs)			
WEIGHT EFFICIENCY (20HR)		31.3 WH/Kg			
VOLUME EFFICIENCY (20HR)		71.7 WH/L			
CONSTANT VOLTAGE CHARGE	FLOATING	CHARGING VOLTAGE	6.75 ~ 6.90 V (20°C)		
		MAX. CHARGING CURRENT	NO LIMIT		
	CYCLE	CHARGING VOLTAGE	7.20 ~ 7.50 V (20°C)		
		MAX. CHARGING CURRENT	LESS THAN 2.40 A		
BATTERY LIFE	FLOATING	AT 25°C (77°F)	6.5 YEARS		EXPECTED VALUE
		AT 35°C (95°F)	5 ~ 6 YEARS		
	CYCLE	100% DISCHARGE	260 CYCLE		
		50% DISCHARGE	600 CYCLE		
		30% DISCHARGE	1200 CYCLE		
TERMINAL TYPE		A			
BATTERY CONTAINER & COVER MATERIAL		ABS			
BATTERY TYPE		VRLA – TYPE			
DIMENSION (± 1MM)	LENGTH	5.95 INCH / 151 MM			
	WIDTH	1.34 INCH / 34.0 MM			
	HEIGHT	38.4 INCH / 97.5 MM			
	TOTAL HEIGHT	3.84 INCH / 97.5 MM			