

TECHNICAL SPECIFICATION MX-06012 (6 V 1.2 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)		1.20 AH (DISCHARGE TO 5.25 V)			
10 HOUR RATE CAPACITY		1.11 AH (DISCHARGE TO 5.25 V)			
5 HOUR RATE CAPACITY		1.02 AH (DISCHARGE TO 5.25 V)			
1 HOUR RATE CAPACITY		0.72 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 60 mΩ		
MAX. DISCHARGE CURRENT		4.8 A (CONTINUOUS)			
SELF DISCHARGE (20°C, 68°C)		AFTER 1 MONTH	5%		
		AFTER 3 MONTH	10%		
		AFTER 6 MONTH	19%		
WEIGHT		APROX. 0.37 Kg (0.82 lbs)			
WEIGHT EFFICIENCY (20HR)		19.5 WH/Kg			
VOLUME EFFICIENCY (20HR)		58.2 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 0.48 A	
BATTERY LIFE		FLOATING	AT 25°C (77°F)	6~7.5 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	3.89 INCH / 99 MM		
		WIDTH	0.96 INCH / 24.5 MM		
		HEIGHT	2.05 INCH / 52.0 MM		
		TOTAL HEIGHT	2.28 INCH / 58.0 MM		