

## TECHNICAL SPECIFICATION MX-12600 (12 V 60 AH)

20 HOURS RATE

I N D E X		S P E C I F I C A T I O N			
NOMINAL VOLTAGE		12 V			
NOMINAL CAPACITY (20HR)		65.26 AH (DISCHARGE TO 10.50 V)			
10 HOUR RATE CAPACITY		62.86 AH (DISCHARGE TO 10.50 V)			
5 HOUR RATE CAPACITY		57.88 AH (DISCHARGE TO 10.20 V)			
1 HOUR RATE CAPACITY		41.60 AH (DISCHARGE TO 9.60 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 5 mΩ		
MAX. DISCHARGE CURRENT		260 A (CONTINUOUS)			
SELF DISCHARGE (20°C, 68°C)		AFTER 1 MONTH	5%		
		AFTER 3 MONTH	10%		
		AFTER 6 MONTH	19%		
WEIGHT		APROX. 23.7 Kg (52.31 lbs)			
WEIGHT EFFICIENCY (20HR)		32.9 WH/Kg			
VOLUME EFFICIENCY (20HR)		76.7 WH/L			
CONSTANT VOLTAGE CHARGE	FLOATING	CHARGING VOLTAGE	13.5 ~ 6.13.8 V (20°C)		
		MAX. CHARGING CURRENT	NO LIMIT		
	CYCLE	CHARGING VOLTAGE	14.4 ~ 15.0 V (20°C)		
		MAX. CHARGING CURRENT	LESS THAN 26.0 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	10.08 INCH / 256 MM			
	WIDTH	6.61 INCH / 168.0 MM			
	HEIGHT	7.87 INCH / 20.0 MM			
	TOTAL HEIGHT	8.78 INCH / 223.0 MM			