

TECHNICAL SPECIFICATION MX-12700 (12 V 70 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) | | 73.50 AH (DISCHARGE TO 10.50 V) | | | |
| 10 HOUR RATE CAPACITY | | 70.70 AH (DISCHARGE TO 10.50 V) | | | |
| 5 HOUR RATE CAPACITY | | 64.05 AH (DISCHARGE TO 10.20 V) | | | |
| 1 HOUR RATE CAPACITY | | 44.80 AH (DISCHARGE TO 9.60 V) | | | |
| CAPACITY AFFECTED BY TEMPERATURE | | 30°C (86°F) | 103% | | |
| | | 25°C (77°F) | 100% | | |
| | | 10°C (50F) | 90% | | |
| | | -10°C (14°F) | 74% | | |
| INTERNAL RESISTANCE | | 25°C FULL CHARGE | APPROX. LESS THAN 4.5 mΩ | | |
| MAX. DISCHARGE CURRENT | | 280 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) | | 35.4 WH/Kg | | | |
| VOLUME EFFICIENCY (20HR) | | 82.6 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 28.0 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 | 13.78 INCH / 350 MM | | |
| | | WIDTH | 6.54 INCH / 166.0 MM | | |
| | | HEIGHT | 6.85 INCH / 174.0 MM | | |
| | | TOTAL HEIGHT | 6.85 INCH / 174.0 MM | | |