

TECHNICAL SPECIFICATION MX-12180 (12 V 18 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) | | 18.00 AH (DISCHARGE TO 10.50 V) | |
| 10 HOUR RATE CAPACITY | | 16.25 AH (DISCHARGE TO 10.50 V) | |
| 5 HOUR RATE CAPACITY | | 15.25 AH (DISCHARGE TO 10.20 V) | |
| 1 HOUR RATE CAPACITY | | 10.85 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 13 mΩ |
| MAX. DISCHARGE CURRENT | | 68 A (CONTINUOUS) | |
| SELF DISCHARGE (20°C, 68°C) | | AFTER 1 MONTH | 5% |
| | | AFTER 3 MONTH | 10% |
| | | AFTER 6 MONTH | 19% |
| WEIGHT | | APROX. 6.20 Kg (13.67 lbs) | |
| WEIGHT EFFICIENCY (20HR) | | 32.9 WH/Kg | |
| VOLUME EFFICIENCY (20HR) | | 90.5 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 6.80 A |
| BATTERY LIFE | FLOATING | AT 25°C (77°F) | 6.5 YEARS |
| | | 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 | 7.13 INCH / 181 MM | |
| | WIDTH | 2.99 INCH / 76.0 MM | |
| | HEIGHT | 6.57 INCH / 167.0 MM | |
| | TOTAL HEIGHT | 6.57 INCH / 167.0 MM | |