

Single use
Lithium Thionyl
Chloride
Battery for Military
Applications

M1 FAMILY OF LITHIUM THIONYL CHLORIDE BATTERIES



THE DENCHI POWER M1
FAMILY OF BATTERIES
KEEPS YOUR ARMY
ON CONSTANT OPERATIONS

The Denchi Power M1 family of batteries represent the latest in ultra high capacity single use batteries. These batteries are designed for use where an extremely long run time is needed from a robust and portable battery which can withstand the rigours of temperature and weather. It benefits from Denchi Power's strong heritage of developing and delivering batteries for use in the most extreme conditions for military and emergency service use.

The Denchi Power M1 family of batteries is the latest in a long line of single use batteries and is designed for use in any theatre where a long run time is needed. The battery is available in three different sizes dependent upon required operational duration. It has a well proven robust case and a connecting cable long enough to allow remote connection to the prime equipment should that be needed. It has circuitry inside the battery to ensure safe use under all conditions. It offers a cost effective single use solution for battlefield use, which is simple and reliable to use.



DENCHI
POWER

M1 FAMILY OF LITHIUM THIONYL CHLORIDE BATTERIES

Part number: See table below

NSN: See table below

Designed and qualified to Ministry of Defence Standard 61-21

SPECIFICATIONS:

Technical Data:

| Product | M1 THIRD | M1 TWO THIRDS | M1 |
|-----------------------|--------------------------|------------------------------|--------------------------|
| Part Number | 600001 | 600002 | 600000 |
| NSN | 6135-99-225-7255 | 6135-99-617-2805 | 6135-99-425-1573 |
| Technology | Lithium Thionyl Chloride | Lithium Thionyl Chloride | Lithium Thionyl Chloride |
| Nominal Voltage | 14 V | 14V | 14V |
| Capacity | 80 Ah | 160 Ah | 238 Ah |
| Discharge Current | 5 A continuous current | 5 A continuous current | 5 A continuous current |
| Length | 255 mm | 255 mm | 300 mm |
| Width | 125 mm | 231 mm | 300 mm |
| Height | 75 mm | 75 mm | 75 mm |
| Weight | 3.3 Kg | 6.7 Kg | 9.9 Kg |
| Operating Temperature | -15 °C to +55 °C | -15 °C to +55 °C | -15 °C to +55 °C |
| Storage Temperature | -40 °C to +70 °C | -40 °C to +70 °C | -40 °C to +70 °C |
| Def Stan 61-21 | Supplement 048 Amd 1 | Supplement 049 Issue 2 Amd 1 | Supplement 050 Issue 2 |



Safety Features:

- Over-current protection
- Reverse charge protection
- Charge prevention
- Over-temperature protection



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