

MIL/MC7000 Series Lithium Ion Battery Charger



The MIL/MC7000 series is a modular family of Lithium Ion battery chargers customised to the requirements of individual battery types. The MIL/MC7000 series is based on a 19" rack format allowing great flexibility in the number of charger channels provided. For example the MIL/MC7017 illustrated is a 56-way charger for 16.8V lithium ion packs. Each 19" panel has 8 charger channels and an integral mains power supply. This panel has been provided as an 8 way portable unit as well as rack mounted 24 way, 32 way, 48 way and 56 way chargers.

Functions include:

- Pre charge test – to check battery fit to charge
- Fast constant current charge
- Constant voltage charge

Function	Value
Nominal battery voltage	8.4V, 12.6V or 16.8V
Fast charge current	500mA to 1500mA
Normal charge current	50mA to 1500mA
Charging temperature	0°C to +55°C
Storage temperature	-20°C to +70°C

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