

MIL/MC3118 Military Battery Charger Conditioner for TNC-2188



- **5 way charger for TNC-2188 military batteries.**
- **115/230V ac or 24V dc powered for vehicle use.**
- **Robust construction and easy grip handles for portability**
- **Vehicle mounting kit option includes mounting plate and dc power lead**

Charger functions include:

Pre charge test – to check battery fit to charge. The battery voltage is tested and compared with minimum and maximum permitted limits.

Fast charge – 7 hour timed charge at 800mA.

Normal charge – 14 hour timed charge at 440mA.

Balance charge – trickle charge to maintain capacity at completion of charge.

Discharge before charge – to ensure partly discharged batteries are fully discharged before fast charging.

Condition – 4 cycles of discharge followed by a normal charge to bring packs to capacity after storage.

The user can select between fast charge, normal charge, discharge before charge or condition. A push button switch allows the user to sequence through these four programs with the current selection being indicated by a green lamp.

Each program starts with pre charge test. This checks that the battery charges to its minimum voltage of 10V. In the event of a fault the output indicator lamp will turn red.

After the pre charge test the selected function of fast charge, normal charge, discharge before charge or condition is undertaken. On completion of this step the output indicator lamp will flash green to show that the program is complete. A balance charge is applied to the battery until the battery is removed.

Each output channel is fully independent. For example one channel can be conditioning a battery, another fast charging a battery and a third channel can be discharging before charge.

The charger is designed for charging most types of military battery, please specify battery type when ordering. The unit is designed and manufactured in the UK giving the user unbeatable product support.

The charger meets the relevant European electrical safety and EMC standards.

The unit is a state of the art portable unit designed for field-deployment or use in a shop environment to provide fast reactivation of various types of rechargeable batteries.

Dimensions	290mm x 190mm x 160mm
Weight	6kgs
Fast charge current	800mA
Normal charge current	440mA
Balance charge current	220mA
Charge termination	Timed
Number of channels	4
Output	Flying lead
Output power	60 Watts
Supply voltage	110V/230V ac internally switched 50/60Hz, 22V-33V dc
Charging temperature	0°C to +55°C
Storage temperature	-20°C to +70°C

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