

MC1100 Military Vehicle Battery Charger For BB-2590/U and BB-390A/U



- **1Way Fast Charger for Lithium Ion BB-2590/U and NiMH BB-390A/U.**
- **Charger automatically detects battery type and applies correct charge profile**
- **11V to 30V DC Power Input.**
- **Armoured vehicle mounting using a low profile cast aluminium case.**
- **Fully sealed unit, may be immersed in 1 metre of water.**
- **Rugged construction for bump and vibration to MIL STD810D.**

The charger detects the type of battery connected and selects the appropriate charge profile. For the BB-2590/U this is a 2A constant current charge per section followed by a constant voltage charge of 16.8V. For the BB-390A/U this is a 2A fast charge per section followed by a 200mA balance charge which is maintained until the battery is disconnected.

The rugged low profile construction and dual 12V and 24V DC input supply enable the MC1100 to be used in most military vehicles.

All the MC1100 operations are automatic. No action or knowledge is required by the user to correctly operate the charger.

	Function	Value
Output	Nominal battery voltage	24V
	Fast charge current	2000mA per 12V section
	Number of channels	1
	Output connector	6 pin MIL-C-26482 series
	Output power	70 Watts
Input	DC supply voltage	11 to 30 Volts dc
	Power connector	2 pin MIL-C-26482 series
Physical	Size L * W * H, weight	200mm * 120mm * 60mm, 2.5kgs
	Environment	Sealed to IP68
	Charging temperature	0°C to +55°C
	Storage temperature	-20°C to +70°C
	Vibration	810D 514.3 Proc. 1
	Humidity	To 100%
Indicators	Power on	LED
	Charging	Green Led on
	Charged	Green LED flashing
	Faulty battery	Red LED flashing
Switches	Power	On/off
	Lamps	On/off

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