

MILITARY BATTERY CHARGER

MILCHAR-MC-1B28-270-A01

- Constant Current Charge
- Constant Voltage Charge
- Wide DC Input Range 9V-36V
- Universal AC Input
- ON/OFF Switch
- Input Power Status LED
- Ready & Charge Status LED



The MILCHAR-MC-1B28-270-A01 is a military battery charger designed to meet the demands of field operations. This device features both constant current and constant voltage charging modes to efficiently and safely charge 28V military batteries at a 270W power rating. It offers significant operational versatility with a wide DC input range of 9V-36V and universal AC input compatibility. For ease of use, it is equipped with an ON/OFF switch and user-friendly visual indicators, including separate LEDs for power status, charge status, and fault conditions.



The charger's technical specifications include an AC input of 180-264V or a DC input of 9-36V, a maximum output power of 270W, and a weight of 2.3 kg. It utilizes a smart charging algorithm ; when powered by AC or a DC source higher than 23V, it charges the battery with 8A of constant current, and with a DC source lower than 23V, it uses 2.4A of constant current until the battery voltage reaches 33.6V. Once this voltage is reached, it switches to constant voltage charging until the current rating becomes lower than 600mA. The unit's status is indicated by LEDs: a blinking amber light for "Charging Mode" , a continuously lit amber light for "Ready Mode" when charging is complete , and a blinking red light for "Fault Mode" if a battery error occurs. Furthermore, it complies with MIL-STD-810H standards for temperature, shock, humidity, and vibration.