

AC / DC CONVERTER

ARMA – R28100



- Nero Industry design 3 Phase AC/DC Converter with effective battery charging property can be used in wide range area from military platforms to also civilian use. The converter has smart charging property provide optimum power to electrical equipments. Effective battery usage and power consumption are realized with the Nero AC/DC Converters.

- AC/DC Converter monitors battery voltage level and drawn current value are monitored continuously and it provides continuous voltage and current that components need. Nero AC-DC Converters manages battery automatically when vehicle ignition switch is off or if connected to mains, network switch is in off position. It also senses the ambient temperature and converter adjusts the charging current automatically and it improves battery life. Converter unit case is made from corrosion resistive, chromate coated aluminum material.

GENERAL FEATURES

“Smart” circuitry provides three stage chargingóbulk, absorption, float.

Wide model range covers battery system ratings from 40-200 Amperes

Multiple isolated output banks; ammeter indicates total output current.

Optional sensor adjusts output voltage based on battery temperature.

Current limiting-prevents damage from overloading.

Charger status clearly displayed with controller box.

Built to chromate coated aluminum case.

Numerous Safety and EMI-EMC Compliances

Two year parts and labor warranty

Visual and voiced alert for:

-High Voltage Error,

-Short Circuit Error,

-Battery Charging Error

Automatic stop when engine starts.

Optional military type connection wires

Black-out mode

Military type connectors

110 db Buzzer

MIL STD 810G Tested

MIL STD 1275E Tested

MIL STD 461G tested

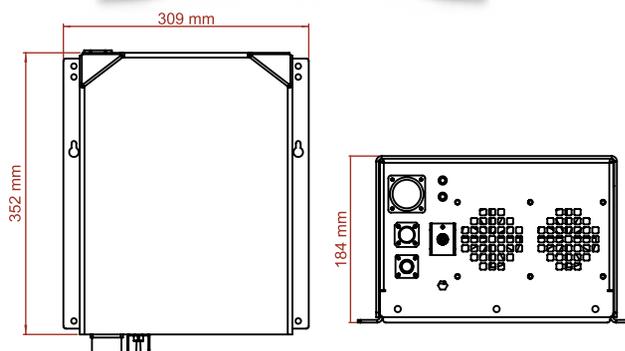
MTBF time 120,000 hour

Remote Controller with CANBUS

R28100 Analog and CANBUS Output

Weight : 12,6 Kg

DIMENSIONS



INCORPORATES

- Digital readout of float voltage to 1/10th volt
- Output float voltage adjustment pot; permits fine tuning from -4% to +5%
- AC circuit breaker; provides overcurrent protection and manual disconnect
- AC power ON indicator light
- 10' wiring harness for easy connection of R28100 Series charger

Typical Charge Curve

