



**ARES FIRE AND
SAFETY SYSTEMS LLC**

POWER SYSTEMS

BATTERY MANAGEMENT SYSTEMS

Amper – Power Information, communication with the vehicle by CAN-BUS J-1839 protocol

10 – 500 Amper Current options

Aural and visual warning for high voltage, high battery heat, low voltage, overcurrent errors.

Simultaneous reading Amper – Power Information, Battery heat, Battery voltage values

It is tested for high temperature, low temperature, high humidity, shock-vibration and EMI/EMC as per MIL STD 810H, MIL STD 461F and MIL STD 1275E standards.



RS3000 AC/DC CONVERTER



- It gives aural and visual warning in case of high current, short circuit, battery charging errors and redresser error.
- Redresser automatically stops when the engine operates.
- Redresser wire is portable and it has a minimum length of 5 meters.
- It has features of automatically adjusting charge current according to battery heat by battery heat measurement feature and stopping the operation whenever necessary, automatically switching off at the end of charging.
- It provides 80 Amperes independent from vehicle engine on DC source mode.
- It simultaneously charges all the batteries on the vehicle with 5-7 Amperes on battery charge mode.

TECHNICAL SPECIFICATIONS

»Input Voltage Values	90-264V
»Input Current Values	16A max.
»Power Factor	0.95
»Max. Output Current Value	100A max.
»Number of Isolated Outputs	3 Pieces
»Operating Temperature	-20 + 70 °C
»Weight	14 kg
»Dye and Coating	It can be dyed and coated according to customer's choice.