



AMERICAN POWER SYSTEMS, INC.

# APS-500 Alternator Regulator

Advanced DC charge controller



## FEATURES & BENEFITS

- Ideal battery-charging and care through innovative, dynamic use of current and voltage
- Unique approach to charging based upon battery voltage and temperature, current in/out and alternator temperature
- Highly configurable for use with virtually any commercially available battery type, through control area network (CAN) communication (SAE J1939 and others)
- For use with various vehicle systems at 12, 24 and 48 volts—up to 60 volts
- 100% customizable with no hardware changes
- Programmable field output control

## APPLICATIONS

- Marine & RV
- Aerospace & defense
- Commercial trucks & vans
- Off-grid & remote applications



OPTIONS				
<b>System voltage</b>	12	24	48	Other (custom)
<b>Regulation capability</b>	Current	Voltage	Alternator temperature	Battery temperature
<b>Configuration</b>	Advanced via CAN communication			
PHYSICAL DATA				
<b>Enclosure dimensions</b>	160mm x 100mm x 60mm			
<b>Footprint</b>	190mm x 100mm			
<b>Material</b>	Diecast aluminum alloy			
<b>Finish</b>	Powdercoat			
<b>Wiring harness</b>	Color-coded tinned wire, expandable sheathing			
<b>Terminal connectors</b>	Ampseal, 23-pin, waterproof, ruggedized RJ45 (CAN)			
* APS-500 requires APS-500-HAR wiring harness.				