

# *High Output Alternators*

255 HPI Series | OE or secondary mount alternator

## Dependable, High-Power Solutions

APS 255 HPI Series alternators provide stable 12-volt output current to power the on-vehicle equipment you need to get the job done.

Available for diverse applications, the 255 HPI Series enables your vehicle to handle increased loads necessary to operate critical systems, even under harsh conditions.

## Key Features

- Quick battery charging
- Small slip-ring diameter prevents wear and increases life
- High efficiency: Consumes less fuel and requires less power from the engine
- Compact, lightweight design creates less drag and leaves more space in the engine compartment
- Rugged design

## Unique Qualities

- Ability to parallel more than one alternator
- Custom drive systems for nearly any application
- Testing conditions completed at 23C ambient and 100C in a hot box to more closely simulate real-world use

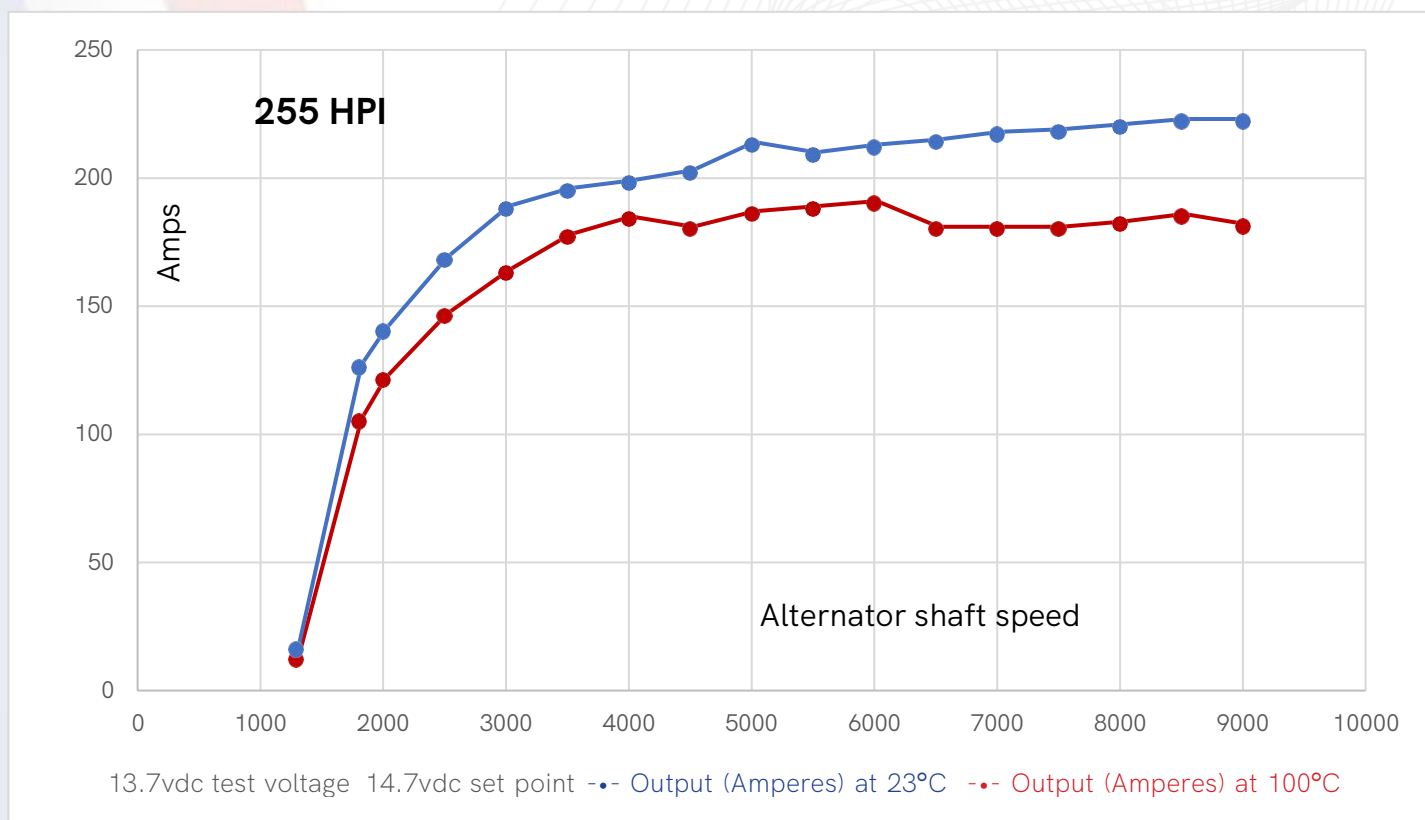


**AMERICAN  
POWER  
SYSTEMS, INC.<sup>®</sup>**

# HIGH OUTPUT ALTERNATORS



## SERIES 255 HPI | OE or secondary mount alternator



Testing conditions completed at 23°C ambient and 100°C in a hot box.

### ELECTRICAL SPECIFICATIONS

Output Rating at 100°C	50/190 13.7
Output at 1500 RPMs	50 amps
Output at 6000 RPMs	190 amps
Tested at Voltage	13.7V
Regulator Interface	OE compatible; external; Internal (ignition excitation)
Efficiency at 23°C	60% typical
Isolated Ground	NO/YES
Brushed/Brushless	Brushed

### MECHANICAL SPECIFICATIONS

Mounting Types	OE/Tangent/GM/Saddle
Rotation	CW
Housing Material	Cast aluminum bare
Positive Connection	M8 X 1.25
Negative Connection	Case ground M8 X 1.25 (IG)
Shaft Diameter	17mm
Pulley	Per application
Weight	7.5kg typical

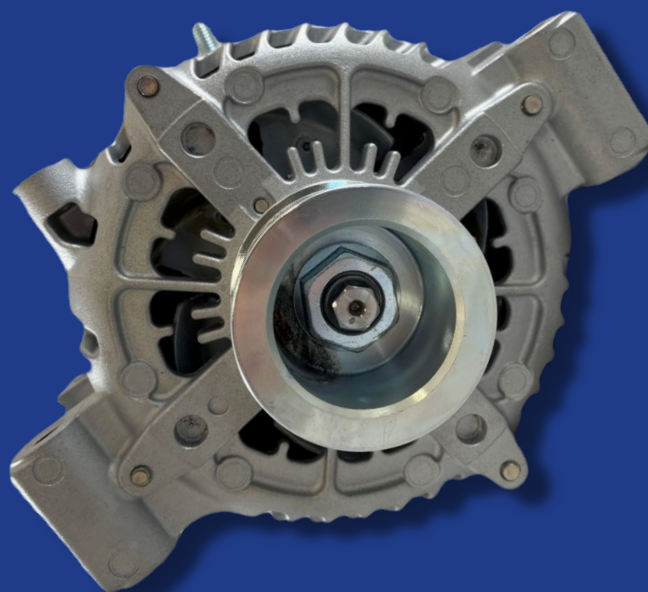


Photo for illustrative purposes only

