

# *High Output Alternators*

185 HPI Series | Secondary mount alternator

## Dependable, High-Power Solutions

APS 185 HPI Series alternators provide stable, 24-volt output current to power the on-vehicle equipment you need to get the job done.

Available for diverse applications, the 185 HPI Series is generally used in the secondary alternator position with APS bracketry.

## 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

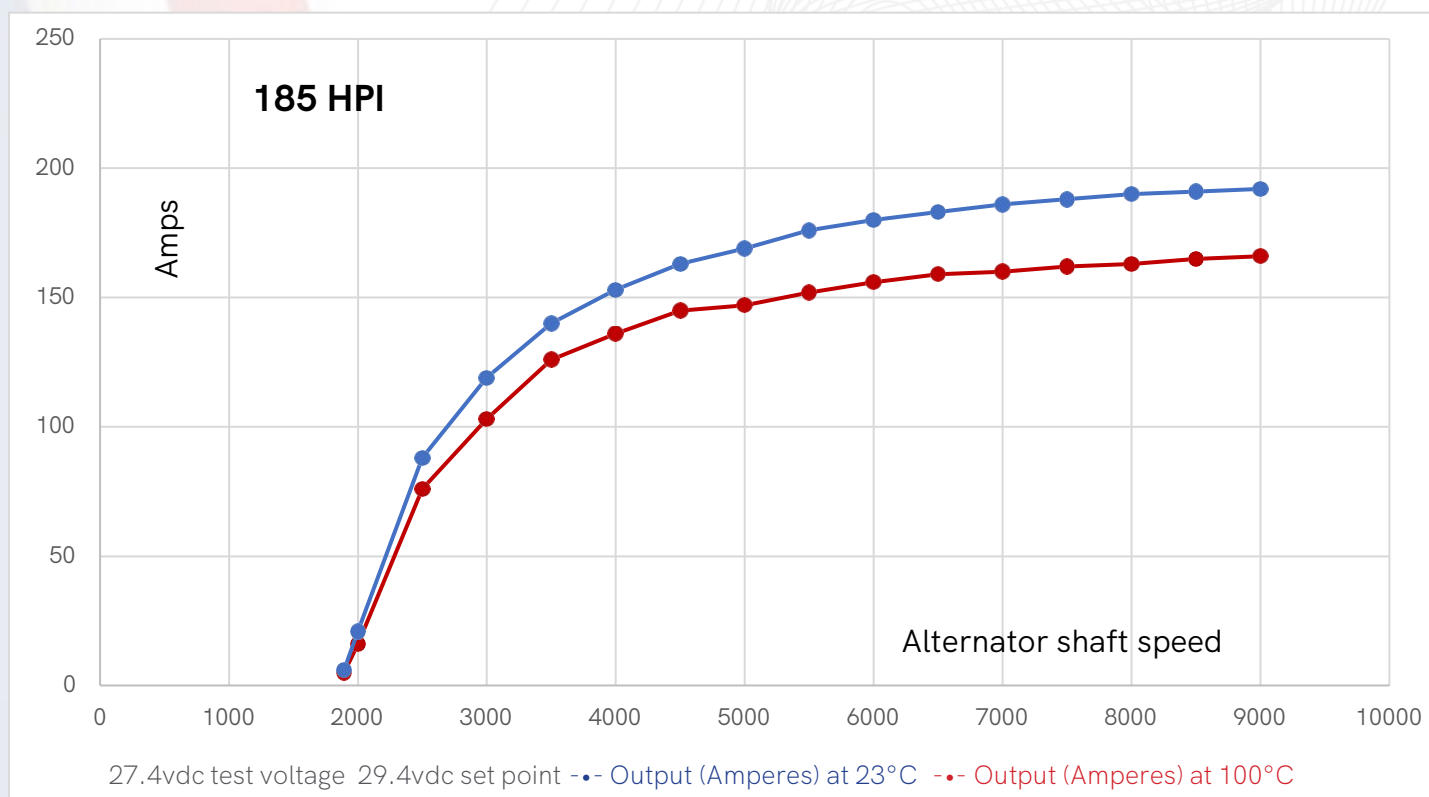


**AMERICAN  
POWER  
SYSTEMS, INC.®**

# HIGH OUTPUT ALTERNATORS



## SERIES 185 HPI | Secondary mount alternator



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

### ELECTRICAL SPECIFICATIONS

Output Rating at 100°C 5/156 27.4

Output at 1900 RPMs 5 amps

Output at 6000 RPMs 156 amps

Tested at Voltage 27.4V

Regulator Interface External

Efficiency at 23°C 70% 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

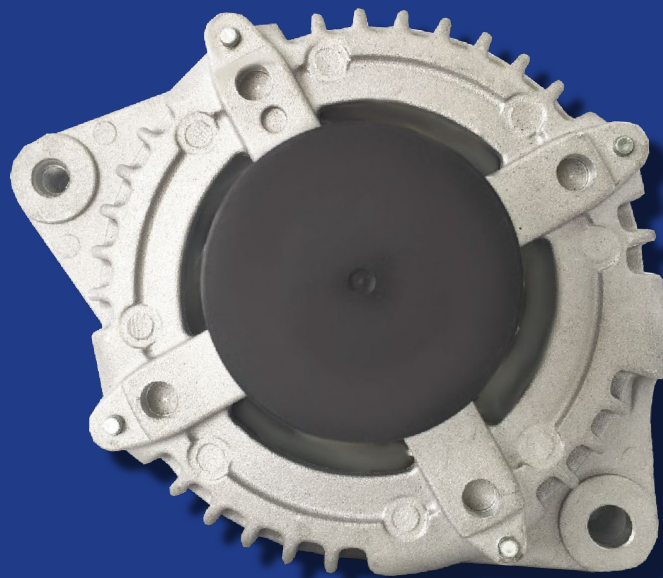


Photo for illustrative purposes only

