

High Output Alternators

160 HPI Series | Secondary mount alternator

Dependable, High-Power Solutions

APS 160 HPI Series alternators provide stable output current for nominal 48VDC to power the on-vehicle equipment you need to get the job done.

Available for diverse applications in the secondary alternator position with APS bracketry, the 160 HPI Series also is used in conjunction with lithium-ion battery storage, which can integrate with virtually any vehicle.

Key Features

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

Unique Qualities

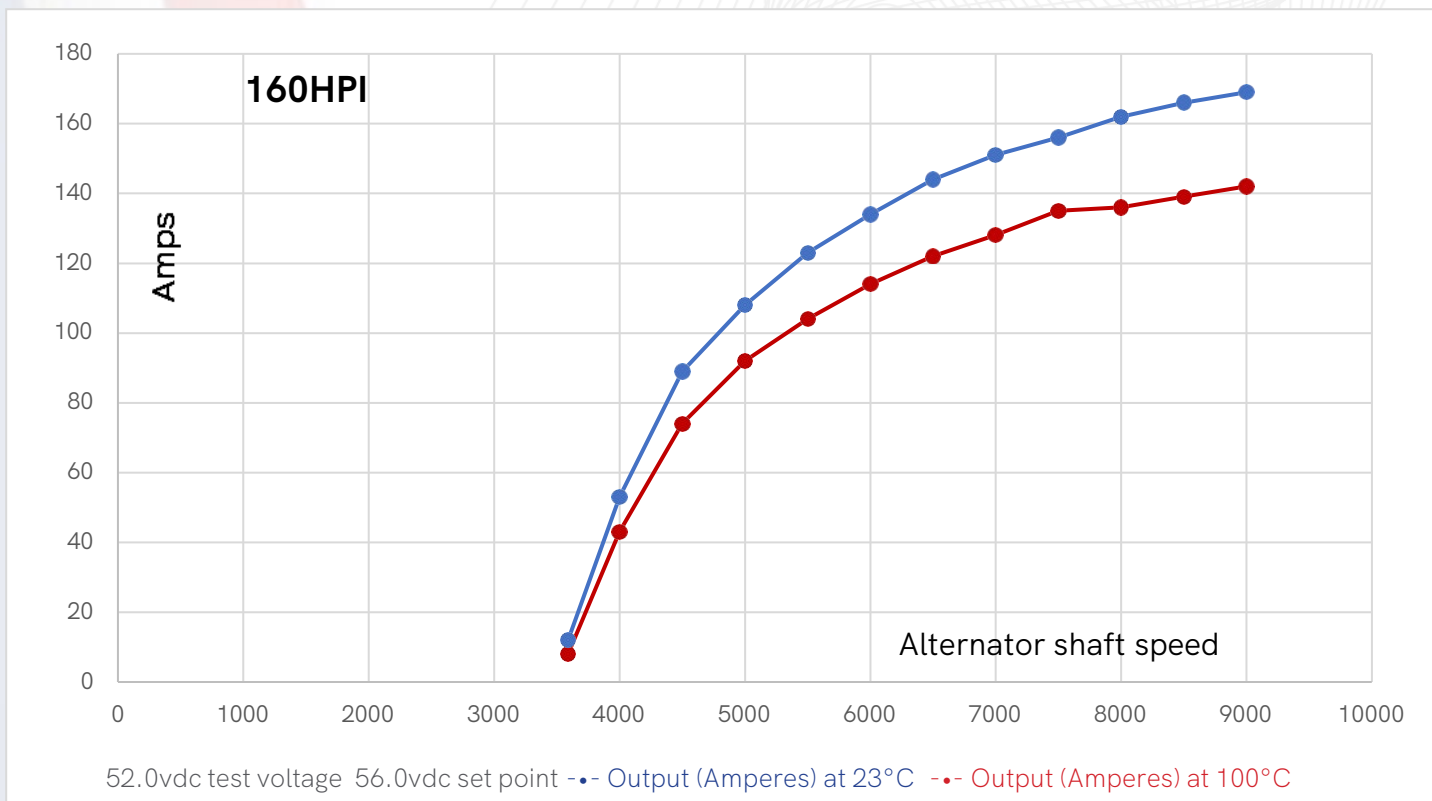
- Ability to parallel more than one alternator
- Custom drive systems for nearly any application
- Testing conditions completed at 23C ambient and 100C in a hot box to more closely simulate real-world use



HIGH OUTPUT ALTERNATORS



SERIES 160 HPI | Secondary mount alternator



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

ELECTRICAL SPECIFICATIONS

Output Rating at 100°C 8/114 52.0

Output at 3590 RPMs 8 amps

Output at 6000 RPMs 114 amps

Tested at Voltage 52.0V

Regulator Interface External

Efficiency at 23°C 77% 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



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