

185 HPI SERIES

Alternators

DEPENDABLE, HIGH-POWER SOLUTIONS

APS 185 HPI Series alternators provide stable, 28-volt output current to power the on-vehicle equipment you need to get the job done.

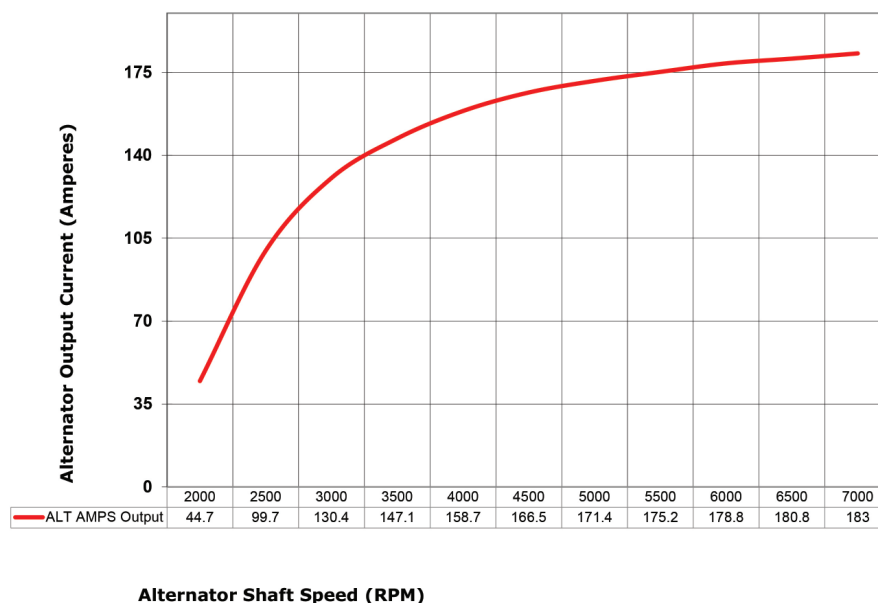
Available for diverse applications, the 185 HPI Series is generally used in the secondary alternator position with APS bracketry.

KEY FEATURES

- Quick battery charging
- Stator and rotor insulation tested to 600 volts
- 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
- Performance-tested rotor (600 volts) and rectifier (300 volts)

UNIQUE CAPABILITIES

- Ability to parallel more than one alternator
- Custom drive systems for virtually any application
- Rugged design intended to meet military standards



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ELECTRICAL SPECIFICATIONS

Charge voltage set point	28.2 or custom
Efficiency	70+%
Excitation	OEM LIN connector to external regulator
Rated power	5 kW
Rated voltage (nominal)	28 VDC
Output current (nominal)	185 amps

MECHANICAL SPECIFICATIONS

Cooling	Internal fans
Mount	Tangent
Pulley	Application specific
Regulator	External, custom
Rotation	CW
Weight	17 pounds / 8 kg



Alternator testing completed under ambient conditions, with stator temperature stabilized.

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