APS 160 HPI Series alternators provide stable output current for 48-56 VDC 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 our 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
- Stator and rotor insulation tested to 600 volts
- Performance-tested rotor (600 volts) and rectifier (300 volts)

UNIQUE CAPABILITIES

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

**ELECTRICAL SPECIFICATIONS**
- Charge voltage set point: Application specific
- Efficiency: 70+% 
- Output current (nominal): 160 amps
- Rated power: 8,640 Watts
- Rated voltage: 48-58 VDC
- Recommended pulley ratio: Application specific

**MECHANICAL SPECIFICATIONS**
- Cooling: Internal fans
- Diameter: 6.5 inches/165 mm
- Typical mount: Secondary alternator bracket (Ford, GMC, others)
- Pulley: Application specific
- Regulator: External, custom
- Rotation: CW
- Weight: 16 pounds/7 kg

**In-demand applications**
Don't see your vehicle? Please contact us directly for solutions.

**FORD**
- E-Series, Expedition, F-Series, Ranger, Vans

**GMC**
- Sierra, Suburban, Tahoe

**JEEP**
- Grand Cherokee

**RAM**
- Trucks, Vans

**TOYOTA**
- Petrol & Diesel Engines
  - Hilux, Land Cruiser

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