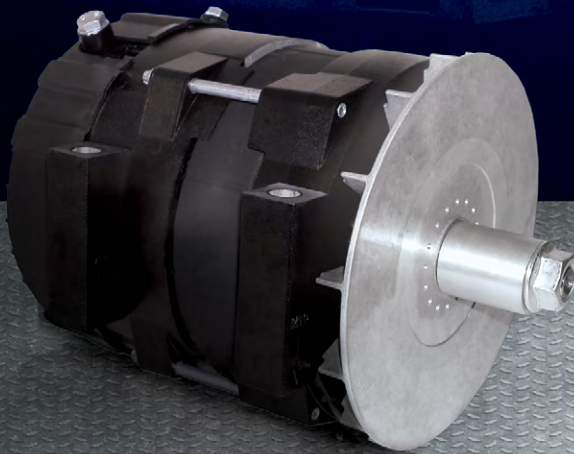




# MINING VEHICLE TECHNOLOGY GUIDE

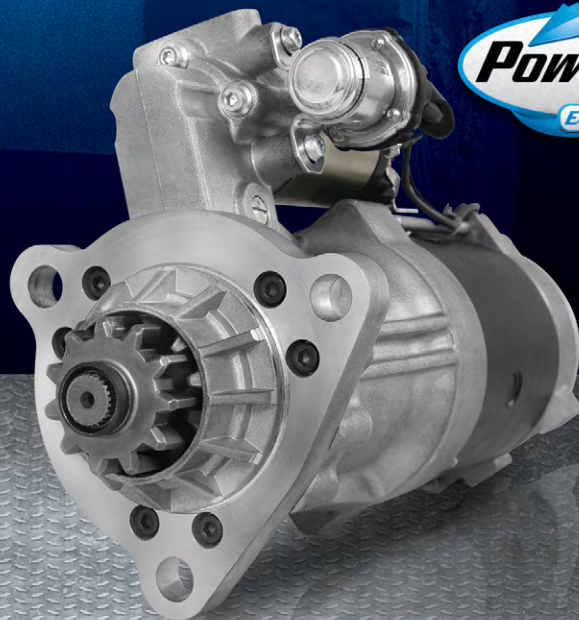
## Heavy Duty Alternators

24V, 250 and 275 Amps



## Severe Duty Starters

24V, 12kW



[IdleProExtreme.com](http://IdleProExtreme.com)

[PowerProStarters.com](http://PowerProStarters.com)



# Dig Deep with Leece-Neville Heavy Duty Systems

## No Throttle-Back Regulator Needed

Some alternators on the market can automatically reduce output as unit temperature rises. This feature – a throttle-back regulator – helps protect the alternator at the expense of related electrical system components. **IdlePro Extreme** units do not have this feature and were carefully spec'd to survive high-heat environments, providing full output at high-operating temperatures and helping protect related system components.

## Isolated Ground Technology

Drawing on Prestolite Electric's global technology portfolio, each IdlePro Extreme alternator has an extra advantage built right in: Isolated Ground Technology. This innovative feature protects the engine from potentially severe electrolytic damage caused by stray voltage.



## Assembled In

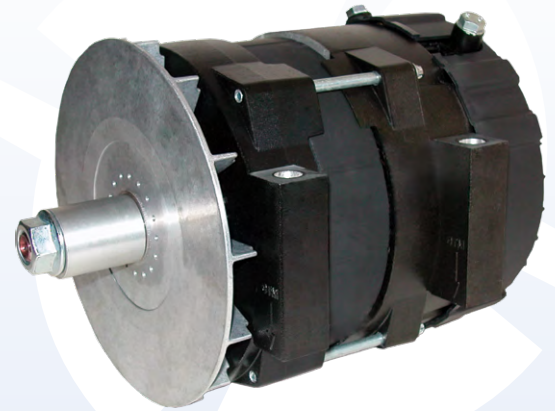


\* Certain applications

## High Amp, Brushless Design

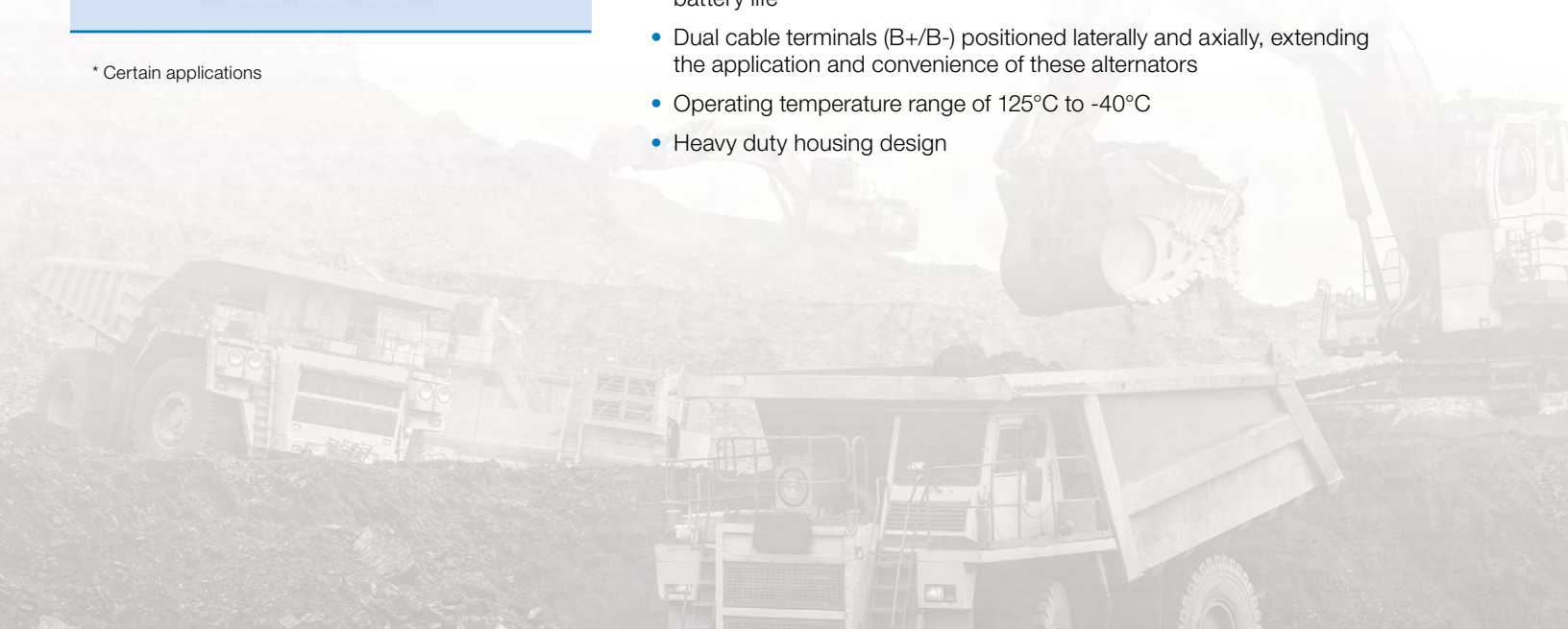


Premium IdlePro Extreme® alternators offer industry-best output through an innovative high-amp, brushless design, delivering best-in-class performance to extend battery life, increase vehicle uptime and provide maximum power under any conditions.



## IdlePro Extreme Alternators

- 24V, 250- and 275-amp outputs
- Lightweight at 39 lbs. (17.7 kg)
- Minimum of 90% of unit's rated maximum output (200+ amps) at engine idle speed\*
- Auxiliary Draft Cooling design\* – special fan and front housing design and integration for temperature control of the front bearing, which is kept 10°C cooler compared to traditional external fan designs
- Remote Sense capable to optimize alternator output and increase battery life
- Dual cable terminals (B+/B-) positioned laterally and axially, extending the application and convenience of these alternators
- Operating temperature range of 125°C to -40°C
- Heavy duty housing design



Mine operators already know there is a substantial difference in cost between preventative maintenance on alternators and starters compared to full replacement if they fail. Leece-Neville IdlePro Extreme® alternators and PowerPro Extreme® 12 starters have been field tested in some of the toughest mines around the world and are proven to deliver dependable, long-lasting power – up to 24 hours a day with multiple restarts in even the harshest conditions. And, thanks to each unit's compact and lightweight design – mining operators can enjoy one-person service and installation processes for easier, faster and safer repairs and/or replacements. You already have enough to worry about – count on Leece-Neville to keep your equipment working.

## High-Torque, High-Output Heavy Duty Design



Also commonly known as the Prestolite Electric M128 motor, the PowerPro Extreme® 12 starter is engineered to meet the extreme and demanding conditions of today's heavy equipment vehicles with exclusive features that help increase starting power and efficiency, simplify preventative maintenance, and increase vehicle uptime.



## High Torque, High Power – Each and Every Start

When you need reliable power for extreme use applications, choose Leece-Neville PowerPro Extreme Starters.

### PowerPro Extreme 12 Starter for extreme use diesel engines up to 40L

- 24V, 12kW starting power
- Lightweight at 36 lbs. (16.5 kg)
- 125°C to -40°C ambient operating range
- Wet and dry clutch applications
- Rotatable flange with radial bell housing seal
- High-torque, planetary gear reduction
- Application coverage includes Case, Caterpillar, Cummins, Hitachi, John Deere, Komatsu and MTU

#### Long-Lasting Power You Can Count On

Comparable starters will give you a service life of 2,000 to 3,500 service hours. The PowerPro Extreme 12 is proven to last 2-3 times that, significantly reducing your replacement costs.



#### Award-Winning Design and Performance

The PowerPro Extreme 12 starter has been named "Best New Product" by the Genuine Parts Company (parent company of NAPA Auto Parts) Asia Pacific.

# Find the Parts You're Looking for Right Now!

Leece-Neville and Prestolite Electric alternators and starters can be found quickly and easily via the Prestolite Electric VIN lookup application at [www.peivinlookup.com](http://www.peivinlookup.com). Use the flexible search function to find parts by number, description, VIN number or brand, and further narrow your search with product attributes including voltage, kW rating, mount type, pinion pitch, amperage, polarity and more.

For More Information Visit:



**Contact Your Sales Representative Today!**

400 Main St. • Arcade, NY 14009 • (800) 354-0560

Learn more  
@PrestoliteElectric

