



Volta Power Systems

voltapowersystems.com

616-226-4222

VOLTA POWER SYSTEMS

ALTERNATOR

ALTERNATOR MB-120N62-58V



KEY FEATURES

- Fits the Mercedes N62 standard accessory bracket option

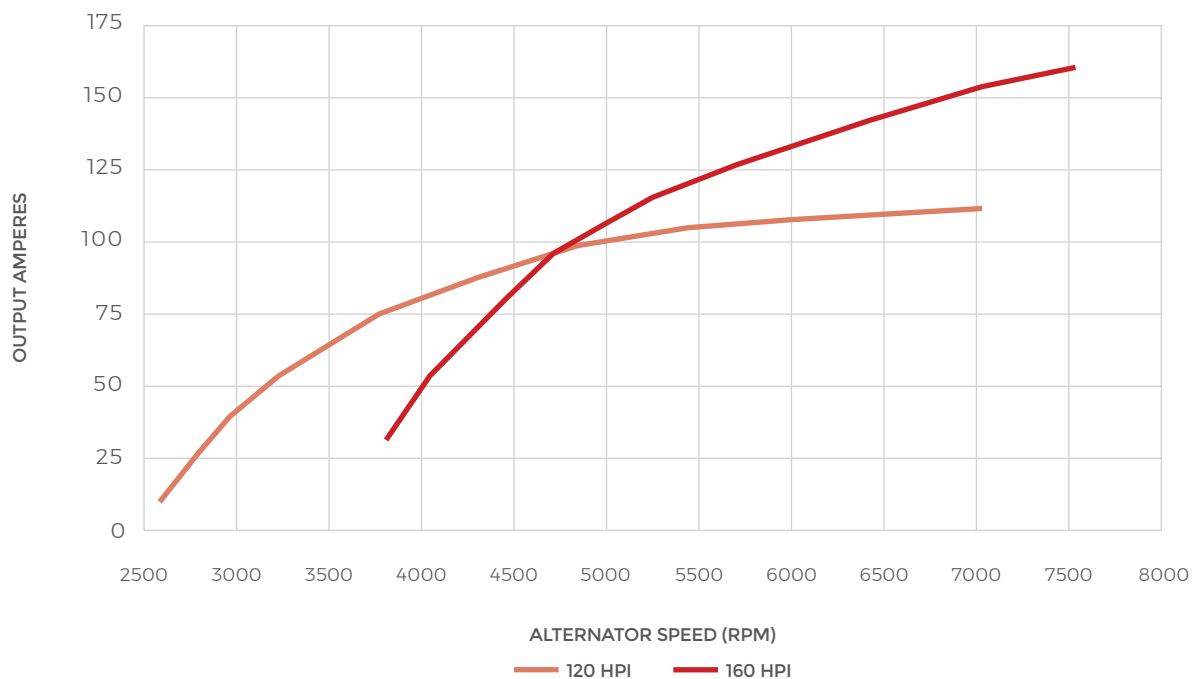
MERCEDES-BENZ 3.0L • SPRINTER-N62

ELECTRICAL SPECIFICATIONS

Rated power	120HPI: 6.9 kW, 160HPI: 9.3 kW
Rated voltage	51.5 VDC nominal
Charge set point	58 V
Turn-on speed	120HPI: 2600, 160HPI: 3700
Plug interface	External regulator
Efficiency	70% typical

MECHANICAL SPECIFICATIONS

Diameter	165mm
Mount	N62 OE bracket
Weight	16 lbs
Cooling	Internal Fans
Rotation	CW
Pulley	52 mm clutch pulley



Testing completed under ambient conditions, with stator temperature stabilized.



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ALTERNATOR

120FTAN-58



KEY FEATURES

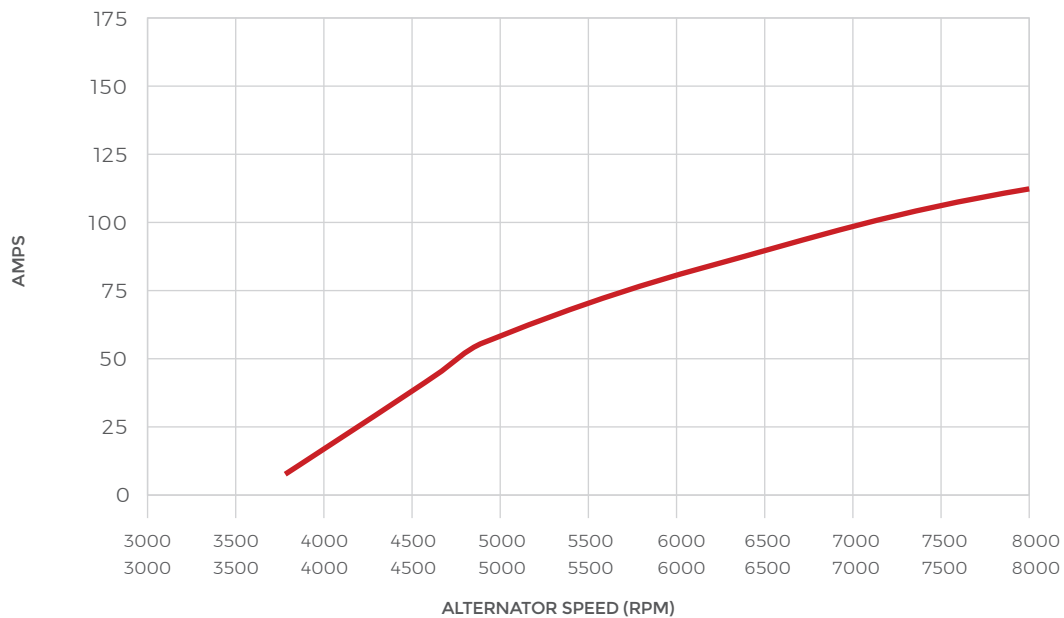
- Custom windings
- High Performance heat sink
- Internal Regulator interface
- Designed to meet MIL standards

ELECTRICAL SPECIFICATIONS

Rated power	6,000W
Rated voltage	48 VDC nominal
Rotation	CW
Output Current (nominal)	120 amps
Charge voltage set point	58V
Recommended pulley ratio	Customer specific
Output at engine idle	Customer specific
Plug interface	N/A
Efficiency:	80% typical

MECHANICAL SPECIFICATIONS

Diameter	6.5"
Mount	Ford, MB and other small diesels
Weight	16 lbs
Regulator	Custom EXT
Stator	Proprietary
Pulley	Customer Specific
Cooling	Internal Fans





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VOLTA POWER SYSTEMS

ALTERNATOR

160GM92V-58



KEY FEATURES

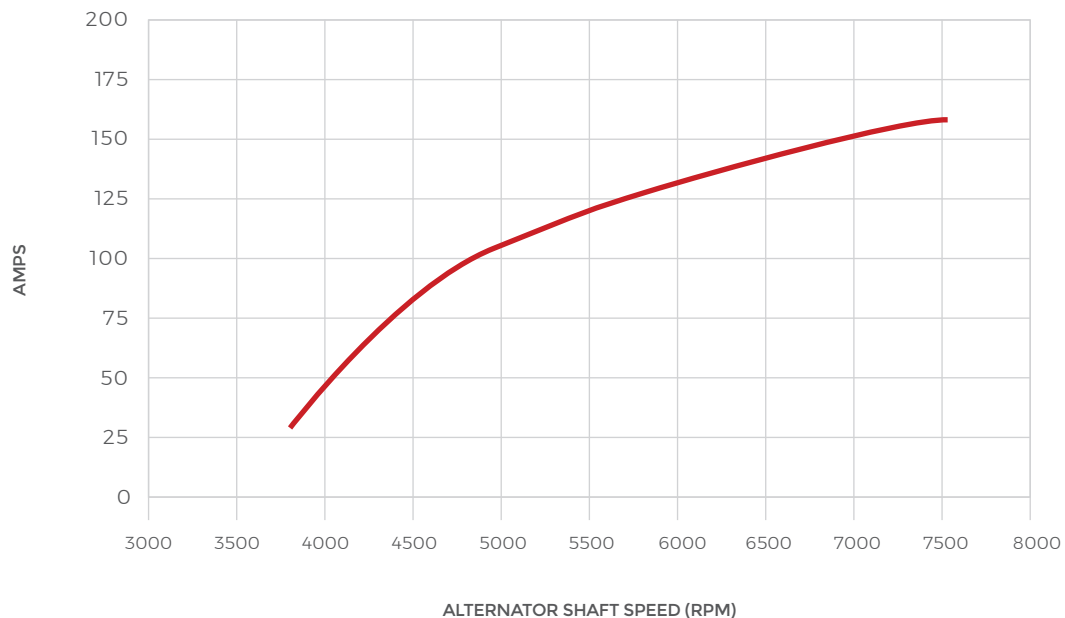
- Custom windings
- High Performance heat sink
- Internal Regulator interface
- Designed to meet MIL standards

ELECTRICAL SPECIFICATIONS

Rated power	8,000W
Rated voltage	58 VDC
Rotation	CW
Output Current (nominal)	160 amps
Charge voltage set point	58V
Recommended pulley ratio	Customer specific
Output at engine idle	Customer specific
Plug interface	N/A
Efficiency:	80% typical

MECHANICAL SPECIFICATIONS

Diameter	6.5"
Mount	GM, Ford, and others
Weight	16 lbs
Regulator	Custom EXT
Stator	Proprietary
Pulley	Customer Specific
Cooling	Internal Fans





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VOLTA POWER SYSTEMS

ALTERNATOR

55i-58V



KEY FEATURES

- Custom windings
- High Performance heat sink
- Internal Regulator interface
- Designed to meet MIL standards

ELECTRICAL SPECIFICATIONS

Rated power	11,000W
Rated voltage	58V
Rotation	CW
Output Current (nominal)	191 amps
Output at engine idle	Customer dependent
Turn on speed	2700 shaft speed
Regulator	External 58V
Efficiency:	70% typical

MECHANICAL SPECIFICATIONS

Diameter	7.5"
Mount	Large diesel applications, J or Pad Mount
Weight	35 lbs
Cooling	External Fan

