

THE POWER OF EXCELLENCE



MULTIPOWER™ Multiple Alternator System

High Performance - High Amperage - High Temperature

Patent pending

LEECE-NEVILLE HEAVY DUTY SYSTEMS

A DIVISION OF PRESTOLITE ELECTRIC INC.

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Feature

One part number:

- 4993PA - 270 Amp, 12/14 Volt
- 4994PA - 320 Amp, 12/14 Volt

Benefit

Only one alternator needs to be stocked. This unit can be installed in a single alternator application where future expendability may be required, or in any configuration of up to 4 units on a single vehicle. Multiples of a single part number can be used in applications with requirements ranging from 270 all the way up to **1280** amps.

Intelligent Regulator

The load sharing capability is integrated into the regulator that is installed on the alternator. No external CPU or CU is required, only a connecting wire between the alternators. The technology used utilizes proven components with long established reliability records.

Fail-safe redundancy

Multiple alternators provide back-up power in the event of a partial system failure. This allows for significant 'Continue in Use' and 'Limp Home' capability.

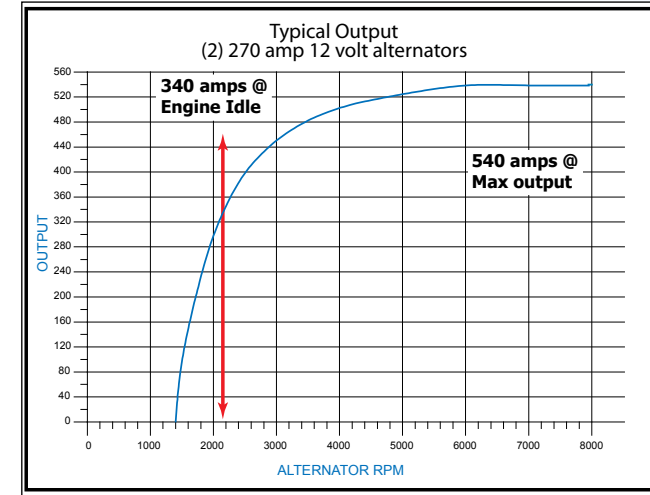
Power

Very high amperage capabilities allow for large amounts of available power at engine idle. There is no need to operate alternators at high speed to obtain the desired output, extending the life of the units.

High Temperature Rating

125° C rating allows for installation on new EPA emission compliant engines.

Typical output using two (2) 270 amp alternators



The transmit / receive [TxRx] connection is the key to the load sharing function. All that is required for installation of multiple units is to connect the TxRx terminals with a wire. This allows for constant communication between the alternators, effectively and efficiently sharing the load of the vehicle.

Typical output using two (2) 320 amp alternators

