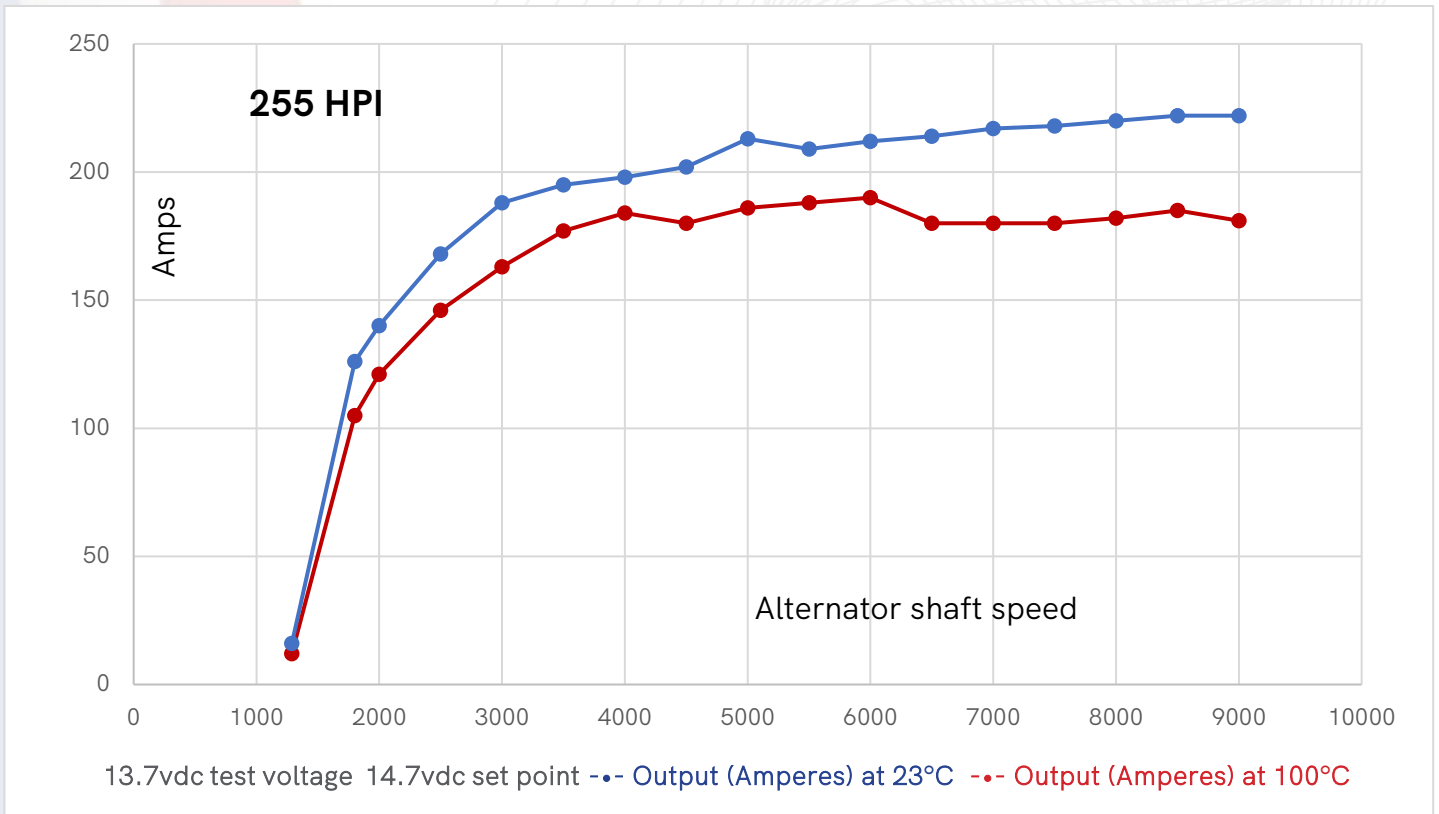


# HIGH OUTPUT ALTERNATORS

SERIES 255 HPI FTAN | PART #255HFTAN1H652S9C

Secondary mount alternator



Testing conditions completed at 23°C ambient and 100°C in a hot box.

## ELECTRICAL SPECIFICATIONS

|                        |                                |
|------------------------|--------------------------------|
| Output Rating at 100°C | 50/190 13.7                    |
| Output at 1500 RPMs    | 50 amps                        |
| Output at 6000 RPMs    | 190 amps                       |
| Tested at Voltage      | 13.7V                          |
| Regulator Interface    | Internal (ignition excitation) |
| Efficiency at 23°C     | 60% typical                    |
| Isolated Ground        | NO                             |
| Brushed/Brushless      | Brushed                        |

## MECHANICAL SPECIFICATIONS

|                     |                    |
|---------------------|--------------------|
| Mounting Type       | Tangent            |
| Rotation            | CW                 |
| Housing Material    | Cast aluminum bare |
| Positive Connection | M8 X 1.25          |
| Negative Connection | Case ground        |
| Shaft Diameter      | 17mm               |
| Pulley              | 6 groove/52mm OAD  |
| Weight              | 7.5kg typical      |



Photo for illustrative purposes only



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