

Technical requirements

1. \diamond : is a critical dimension
2. * : bracket dimension
3. \triangleright : denotes key characteristic
4. 5/8-18 UNF-2A or M20x1.50



PAD

14V / 450 A

HEAVY DUTY BRUSHLESS ALTERNATOR

The compact 18AT design Heavy Duty brushless alternator, is an innovative power generating system, best suited for applications demanding high output at low rpm. Thanks to the progressive hairpin stator technology and the technologically demanding high precision assembly process, this alternator is capable of reaching efficiency levels of over 80%. The impressive output at engine idle makes this alternator a natural choice for a wide range of heavy duty and emergency vehicles.

- High Output at Engine Idle Speeds
- Hairpin Startor
- High Efficiency over 80 %/1500RPM
- Low Inertia Advantage

- Air Cooled Alternator
- Compact Design
- 12 and 24 V system versions
- Easy Installation
- Ground isolated

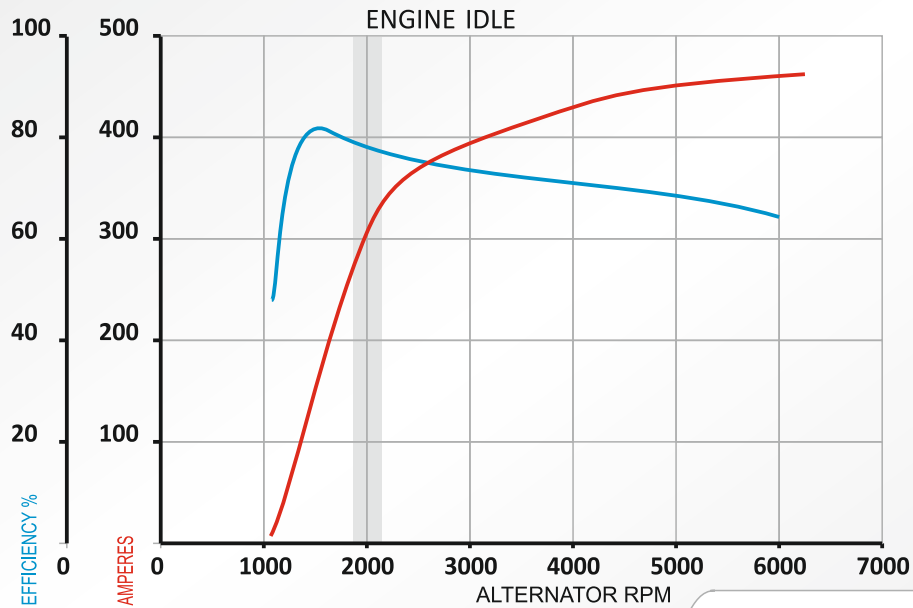


Applications

- Agricultural & Industrial
- Construction
- Emergency Vehicles
- Industrial
- Mining
- Coach & Transit Buses
- Utility Vehicles



Performance Curve



STABILIZED @ 23 °C (73 °F) SAE J56

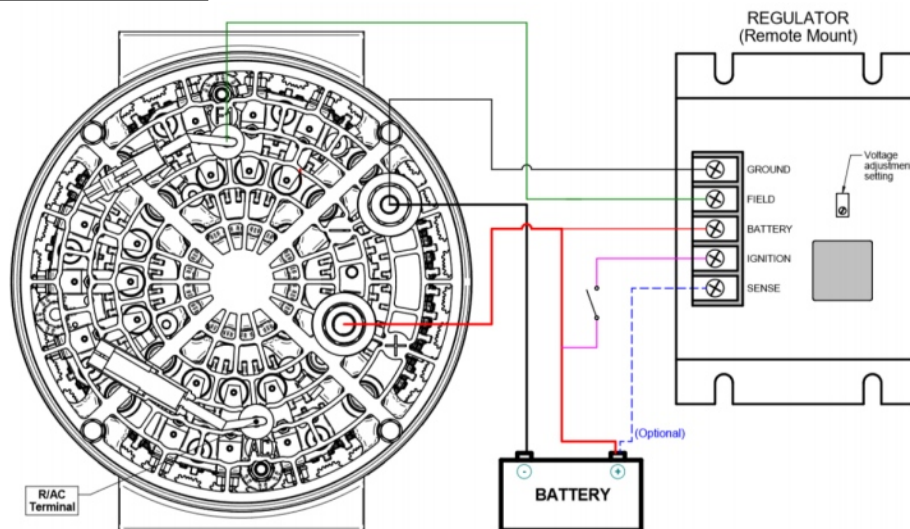


Specifications

| | | | |
|---------------------|----------------------------|---------------|-----------|
| System Voltage | 12V | Mounting | PAD Style |
| Rated Output: | 450A | Speed limits: | 8000 RPM |
| Output @ 2000 rpm: | 300A | Weight: | 24 kg |
| Temperature limits: | -Low: -40°C / -High: 125°C | Regulator: | External |
| Turn on speed:(RPM) | 1050 | Rotation: | CW or CCW |



Connections



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