

## AT-SERIES DATA

Balmar's newest AT-Series alternators are uniquely designed to deliver greater output and higher efficiency than OEM or traditional S-wound aftermarket alternators.

Equipped with the latest technology hairpin stators, 129 mm AT-12-165 and 139 mm AT-12-200 series alternators deliver more output in a smaller frame size than any competitor's small and mid-case alternators.

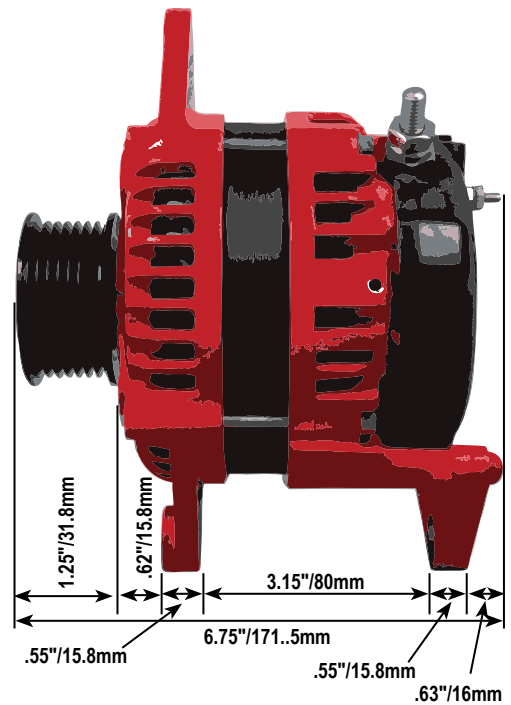
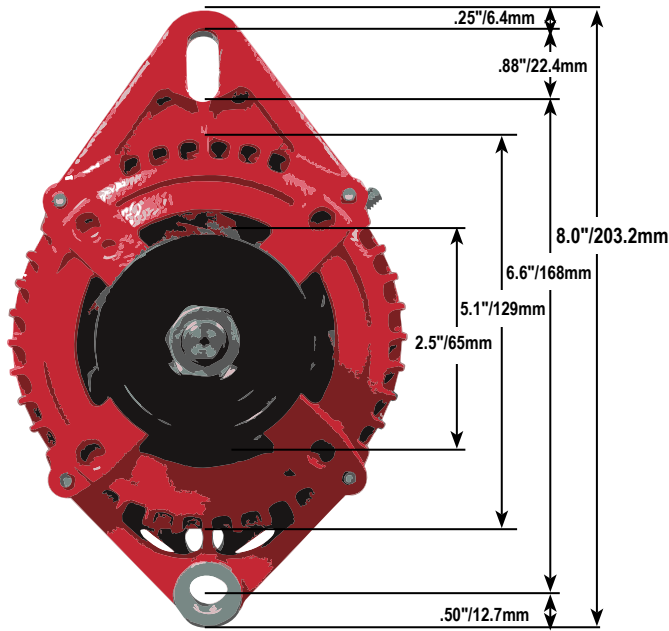
AT-Series alternators are designed for use with Balmar's multi-stage Max Charge MC-614 voltage regulators, making it possible for these powerful alternators to provide targeted, customizable charging for a wide range of marine battery technologies. The densely-packed hairpin stator delivers exceedingly impressive low-end output and efficiency nearly 30 percent greater than comparable traditional wound designs.



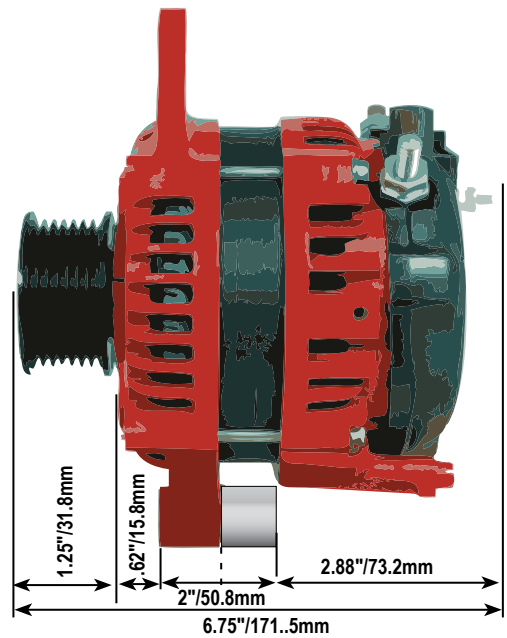
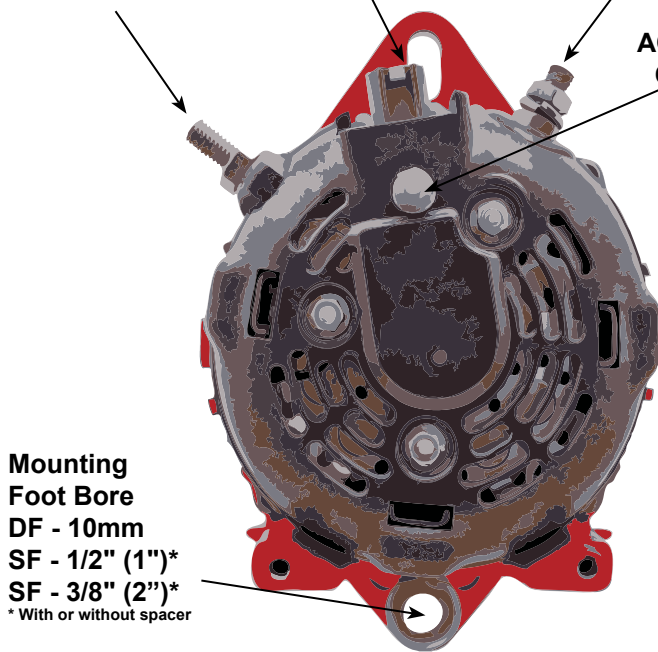
### Alternator Specifications

- Rated Alternator Output: 165 Amps (129 mm frame), 200 Amps (139 mm frame)
- Charging Voltage(s): 12V/14V
- Stator Windings: 96 Slot, square copper wire. Three phase.
- Rectifier/Diodes: 12 40-Amp non-avalanche diodes
- Mounting Styles (AT-12-165): 1" single foot (Motorola), 2" single foot (Delco), 3.15" saddle (Hitachi)
- Mounting Styles (AT-12-200): 2" single foot (Delco), 3.15" ID saddle (Hitachi), 4" ID saddle (J180)
- Terminal Connections: Positive output post, negative output post (ground), AC tap (stator), field input (excite)
- Pulley Configurations: Dual 1/2" vee, serpentine polygroove
- Voltage Regulation: External P-Type only
- Alternator Housings: Advanced powdercoated cast aluminum. High-impact plastic rear cover
- One year limited warranty

## Alternator Dimensions (AT-165-12-IG)



Ground Terminal  
Field Terminal  
Positive Output Terminal  
AC Stator Output



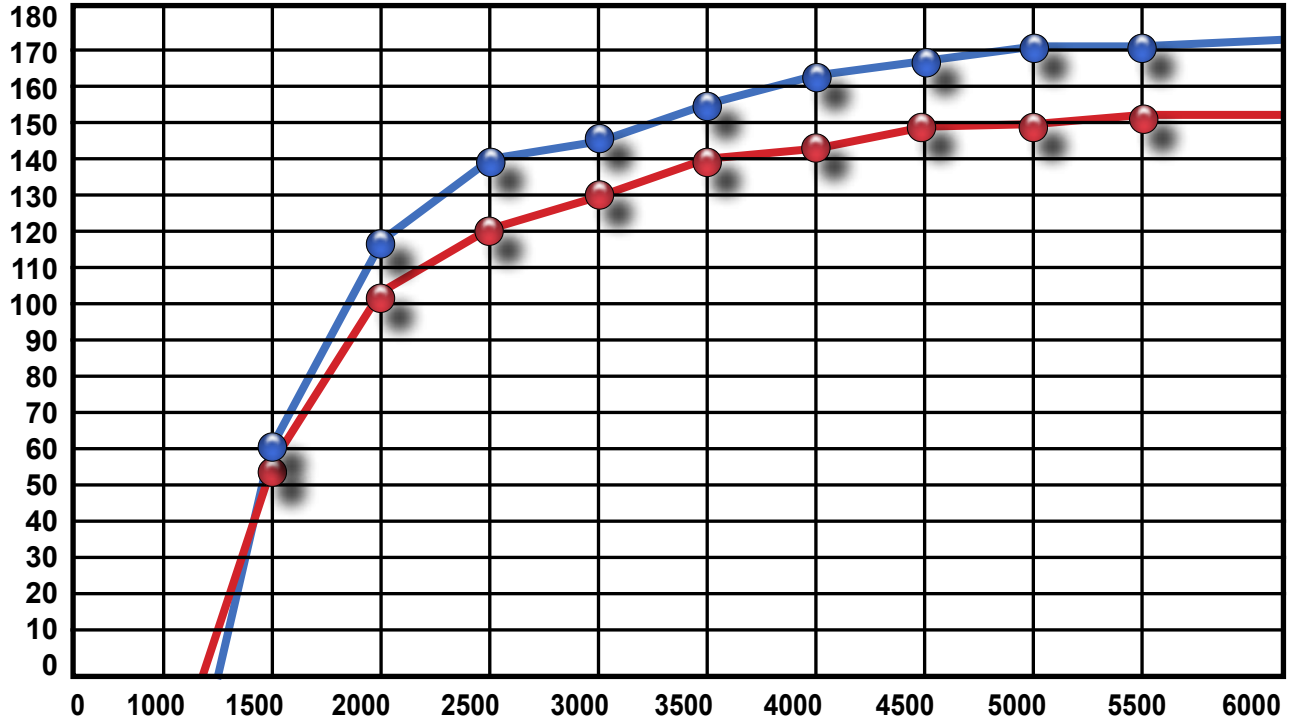
AT Model	Mounting Style	Positive Terminal Stud/Nut	Negative Terminal Stud/Nut	AC/Stator Stud/Nut	Standard Pulley	Optional Pulley	Ship Weight
AT-DF-165-12-IG	3.15" Saddle	M10 x 16	M10 x 16	M6 x 24	K-6 x 2.5" Serp.	Dual Deep Vee x 3.0"	19 lb./8.6 kg
AT-SF-165-12-IG	1" Single Foot	M10 x 16	M10 x 16	M6 x 24	K-6 x 2.5" Serp.	Dual Deep Vee x 3.0"	19 lb./8.6 kg
AT-SF-165-12-IG	2" Single Foot	M10 x 16	M10 x 16	M6 x 24	K-6 x 2.5" Serp.	Dual Deep Vee x 3.0"	19 lb./8.6 kg

## Alternator Dimensions (AT-200-12-IG)

**Available Soon**

## Alternator Power Curves

### AT-165-12-IG Series Alternators



### AT-200-12-IG Series Alternators

