

## XT-Series Alternators

### For WakeBoat and Inboard Gas Applications

- 170A & 250A in a Small Case Package
- Up to 180A at Idle Speeds
- Ideal for WakeBoat Electrical Loads
- Custom High-Speed Bearings for Long Life
- Dual Fan Cooling, High Airflow Frame
- USCG Title 33, ISO 8846 and SAE J1171 Certified



170A Vortec Mount

250A Vortec Mount

**XT-Series Alternators** were designed with WakeBoat applications specifically in mind. Over 60% of WakeBoat run times are at idle speed. Many high current electrical loads are engaged at idle, including ballast pumps, high-output stereo systems and multiple instrumentation loads. Standard alternators only produce about 30A-40A at idle speed, leaving these loads to be serviced by onboard batteries. Excessive draining causes battery sulfation and reduced lifetimes. Dealers report that AGM batteries which should last 5-7 years on these vessels are being replaced annually.

**XT-170 and XT-250 Alternators** produce over 120A and 180A, respectively at idle speed – ample power to service all electrical loads with power left over to top-off house batteries.

**XT-Series Alternators** pay for themselves in reduced battery replacement costs in just one year!

Available XT-Series mounting styles are drop-in compatible for WakeBoat and other GM Gasoline engine applications and include both 2" Single Foot (Delco 11Si Style) and Vortec (Delco 9Si Style) designs.

### Ordering Information:

| XT-Series Output | Power Take Off | Mounting                    | Alternator Part Number <sup>(1)</sup> | Standard Pulley |
|------------------|----------------|-----------------------------|---------------------------------------|-----------------|
| 170A             | 5.2 HP         | 1-2" Single Foot (Case Grd) | XT-SF-170-IR                          | K6 (2.4" dia.)  |
|                  |                | 1-2" Single Foot (Iso Grd)  | XT-SF-170-IR-IG                       |                 |
|                  |                | Vortec (Case Grd)           | XT-VT-170-IR                          |                 |
|                  |                | Vortec (Iso Grd)            | XT-VT-170-IR-IG                       |                 |
| 250A             | 6.6 HP         | 1-2" Single Foot (Case Grd) | XT-SF-250-IR                          |                 |
|                  |                | Vortec (Case Grd)           | XT-VT-250-IR                          |                 |

<sup>(1)</sup> These Alternators contain single stage, internal regulators and are not appropriate for use with Balmar's multi-stage external regulators. Contact Balmar Tech Service for more details.