

6-Series Alternators

Designed for Recreational Applications

- Balmar's Top Selling Alternator Line
- 100A and 120A Versions
- Patented Smart Ready® Technology
- Dual Fan Cooling
- High Airflow Frame
- Maximum RPM: 12,000
- USCG Title 33, ISO 28846 and SAE J1171 Certified
- Ideal for Modest Charging Upgrades

Balmar **6-Series Alternators** deliver high-output performance in a compact, small-case package and are available in all four common mounting configurations (see page 6).

While all Balmar's high-output alternators are designed and recommended for use with our multi-stage voltage regulators, the 6-Series Alternator utilizes Balmar's Smart Ready® Technology. If battery loads are relatively small and your engine is running frequently, the alternator's internal regulator may be sufficient to support your electrical needs without external regulation. If your vessel utilizes larger deep-cycle battery banks or the engine's duty cycle is less frequent (as is the case in most sailing applications), the 6-Series Alternator combines and works seamlessly with Balmar's ARS-5 Voltage Regulator or Max Charge Voltage Regulator.

Purchased either individually or as a charging kit, 6-Series Alternators can solve a multitude of charging problems at a reasonable price. All kits come with alternator, regulator and two temperature sensors.



Smart Ready® 6-Series



Charging Kit

6-Series Output	Power Take Off	Mounting	Individual Alternator Part Number	Alternator Kit with Max Charge Regulator	Altmount® Pulley Kit Required?
100A	4.0 HP	1-2" Spindle	621-100-XX	621-VUP-MC-100-XX	No
		3.15" Saddle	60-100-XX	60-YP-MC-100-XX	
120A	4.8 HP	1-2" Spindle	621-120-XX	621-VUP-MC-120-XX	Yes, If Dual Vee or Serp is Not Present <i>See Page 15</i>
		3.15" Saddle	60-120-XX	60-YP-MC-120-XX	
70A, 24V	4.3 HP	1-2" Spindle	621-24-70-XX	621-VUP-24-70-XX	
		3.15" Saddle	60-24-70-XX	60-YP-24-70-XX	

- (1) "XX" Pulley Designations: "SV" = 1/2" Single Vee, "DV" = 1/2" Dual Vee, "K6" = K6 Serpentine, "J10" = J10 Serpentine.
- (2) A Max Charge Regulator Kit is required for 24 volt, Dual-Alternator or Twin Engine Applications.
- (3) Additional 6-Series mounting styles (J-180) are available and listed on Page 30.
- (4) All Dual Foot Yanmar Kits include 6-0020 mounting kit.
- (5) Yanmar Common Rail and newer Volvo engines require the 61-0050 K6 pulley.