

97 & 98 SERIES ALTERNATORS

97 SERIES

Designed for substantial diesel applications including engines from Caterpillar, Cummins, MTU, and John Deere, the Extra-Large Case 97XD-Series and 97EHD-Series Alternators are tailored to handle extensive house battery loads. The innovative 97XD-Series employs braided-stator technology, ensuring remarkable power output at low RPM for optimal performance.

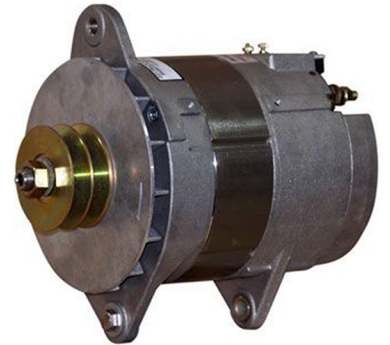
- **Designed for heavy duty cycle applications.**
- **Isolated ground terminations (except 05-3701).**
- **Maximum RPM: 8000**
- **External regulation required**
- **USCG Title 33 Compliant**

98 SERIES

The Extra-Large Case 98-Series Alternator is equipped with the capability to generate nearly 5kW of DC output, placing it on par with many small gensets. Notably, the 98-Series Alternator is currently employed in USCG 43' Lifeboats, attesting to its reliability and suitability for demanding maritime applications.

- **Highly efficient brushless design**
- **Isolated ground termination**
- **Dual cooling fans, oversized bearings, high amperage diodes**
- **Maximum RPM: 6000**
- **Requires external voltage regulation**
- **USCG Title 33, CE, ISO J1171 and SAE 8846 Compliant.**

BALMAR



SERIES	SUB-SERIES	OUTPUT	MOUNTING STYLE	MINIMUM PULLEY	ALTERNATOR ONLY P/N
97 SERIES	XD SERIES	185A, 12V	4" Dual Foot Saddle (J180-Style)	K6 Serpentine	05-3700
		120A, 24V	4" Dual Foot Saddle (J180-Style)	K6 Serpentine	05-3701
		190A, 24V	4" Dual Foot Saddle (J180-Style)	K6 Serpentine	05-3703
	EHD SERIES	190A, 24V	4" Dual Foot Saddle (J180-Style)	K6 Serpentine	05-3702
98 SERIES		310A, 12V	4" Dual Foot Saddle (J180-Style)	1/2" Dual Vee	05-3751
		220A, 24V	4" Dual Foot Saddle (J180-Style)	1/2" Dual Vee	05-3752