

SMART ALTERNATOR REGULATORS

BALMAR

High output alternators play a crucial role in maintaining the health of your battery system, yet their effectiveness is contingent upon proper voltage regulation. In the absence of adequate regulation, the process of battery charging may become sluggish or, worse, set the stage for premature battery failure.

Balmar Multi-Stage Voltage Regulators

Optimise your charging system

Max Charge MC-618 Voltage Regulator

- 9 Selectable Programs for Marine Batteries (including LiFePO₄)
- 15 Amp Maximum Field Current
- Advanced Programming Modes
- Alternator & Battery Temperature Sensing & Control
- Exclusive Belt Load Manager Function
- Integrates with SG200 for Programming and Data Display
- Can be Used in Twin-Engine Applications with Centerfielder II

Max Charge MC-624 Voltage Regulator

- Designed for 24 Volt Applications
- 10 Amp Maximum Field Current
- Optional 15 Amp Unit Available
- Can be Used in Twin-Engine Applications
- All the Same Functions as the MC-618

Max Charge MC-612-Dual Voltage Regulator

- Designed to Control 2 Alternators on a Single Engine
- Dual Alternator & Battery Temperature Sensing
- Twin 54" Wiring Harnesses Provided
- All the Same Programming Functions as the MC-618

ARS-5 Voltage Regulator

- 5 Selectable Programs for Marine Batteries
- 9 Amp Maximum Field Current
- Appropriate for 6-Series Alternators (120A and below)
- Single Engine, Single Alternator Applications Only
- Similar Programming Functions as the MC-618



PRESET, MULTI-STAGE BATTERY PROGRAMS PART NUMBER	ARS-5	MC-618	MC-612-DUAL	MC-624
UNIVERSAL FACTORY PROGRAM	YES	YES	YES	YES
DEEP CYCLE FLOODED	YES	YES	YES	YES
GEL CELL	YES	YES	YES	YES
ABSORBED GLASS MAT (AGM)	YES	YES	YES	YES
SPIRAL WOUND FLOODED (OPTIMA)	YES	YES	YES	YES
STANDARD FLOODED	NO	YES	YES	YES
VOLTAGE HALOGEN SYSTEMS	NO	YES	YES	YES
LITHIUM (LIFEPO4)	NO	YES	YES	YES
6-SERIES ALTERNATORS (100A-120A)	YES	YES	YES	YES
XT-SERIES ALTERNATORS (90A-250A)	NO	YES	YES	NO
9-SERIES LARGE CASE ALTERNATORS (140A-310A)	NO	YES	YES	YES
DUAL ENGINE, ONE ALTERNATOR EACH	NO	YES (2 QTY)	NO	YES (2 QTY)
SINGLE ENGINE, TWO ALTERNATORS	NO	NO	YES	YES (2 QTY)

TYPE OF REGULATOR	VOLTAGE	HARNESS TYPE	PART NUMBER
ARS-5	12V	WITHOUT HARNESS	05-4010
		WITH HARNESS	05-4011
MC-612-DUAL	12V	WITHOUT HARNESS	05-4019
		WITH HARNESS	05-4020
MC-618	12V	WITHOUT HARNESS	05-4021
		WITH HARNESS	05-4022
MC-624	24V	WITHOUT HARNESS	05-4027
		WITH HARNESS	05-4028