

BRS-2T Voltage Regulators



Product Features:

Voltage Adjustability

User-adjustable potentiometer

Models

BRS-2T (12-volt)

BRS-2T-H (With harness)

BRS-2T-24 (24-volt)

BRS-2T-24-H (With harness)

Product Features

Adjustable voltage limits

Precise digital regulation

Short circuit protection

High current capacity

Over voltage protection

Ignition activated

P-type regulation (B-circuit)

Protected against loss of ground and under voltage

Color-coded LED's

Fault detection indicators



Single stage BRS-2T voltage regulators provide a simple alternative for charging systems where multi-stage regulation is not needed or required (typically in applications where batteries are not deeply discharged and engine run times tend to be short), such as small fishing boats with minimal house battery loads, or similar commercial craft. The BRS-2T-12 is designed for use with P-type alternators, where excitation is provided on the positive brush. Regulator models ending in "H" include a 54" long harness with wires for power, ignition, field, stator and ground connections. Color-coded LEDs provide operational and fault indications.

BRS-2T Regulator Specifications

Alternator Compatibility:

BRS-2T-12: 12-Volt, P-type Alternator*

BRS-2T-24: 24-Volt, P-type Alternator*

Regulation Type: Single-Stage, Voltage Adjustable

Default Voltage Adjustment:

BRS-2T-12: 14.2V

BRS-2T-24: 28.4V

Voltage Adjustment Range:

BRS-2T-12: 13.0V to 16.0V

BRS-2T-24: 26.0V to 32.0V

Regulator Housing: Anodized aluminum heat sink

Start Delay: 2.5 Sec.

Activation Current: 2.0 mA

Temperature Range: -40 - 125°F

Typical Field Output: 8A

Maximum Field Output: 10A

Regulator Power Requirement: 480 mA

Dimensions: 4.5"L x 3.0"W x .75"H

Ship Weight: 1.5 lbs. (regulator only),
2.0 lbs. (MC-624-H)

Balmar

18930 59th Ave. NE, Arlington, WA 98223 Phone: 360-435-6100, Fax: 360-435-3210, E-Mail: balmar@balmar.net

©2010 Ballard Commercial Industries, Inc.

Permission required for reprint.