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Rectifier Regulator Single Phase 6Volt-12Volt



Brand:
Product Code: RR12-6

Price: $159.00

Short Description
6 or 12 volt regulator in one unit. simply cut the blue wire for 12 volt use or leave intact for 6 volt use.
Simplify your wiring: replaces rectifier and zener diode on British bikes (single/twins and triples).

Single-phase rectifier/regulator for use with any two/three wire permanent magnet alternator, up to 200 watts, including Lucas RM21 AND RM23.

Can be used to convert 6 volt 3-wire alternators
to 12 volt charging (see link to data sheet).

Description
Rectifier/regulator for use with any two/three wire permanent magnet alternator, up to 200 watts, including Lucas RM21 AND RM23. Also suitable for use with earlier three wire alternators, e.g. RM18, RM19 and similar types.

Simplify your wiring: replaces rectifier and zener diode (12 volt models) on British bikes (single/twins and triples).

Can be used to convert 6 volt 3-wire alternators
to 12 volt charging (see link to data sheet below).

Regulated output: 14.2 volts (12 volt operation)

Regulated output: 7.5 volts (6 volt operation)

Dimensions: 75mm x 50mm x 28mm deep

Not suitable for three-phase alternators (e.g. RM24).

One year warranty.

SPECIFICATIONS:

Regulated output voltage: 14.2 Volts typical (12 volt operation)
Regulated output voltage: 7.5 Volts typical (6 volt operation)

Charging voltage: Dependent upon battery voltage and cable length to battery

Maximum power: 200 Watts in airflow (approx. 14 Amps @ 14.2V)

Wire lengths: 260mm from edge of casing (approx.)

Mounting slots: 58mm between centres (approx.)

Slot sizes: 12mm long x 6.8mm wide (approx.)

CASE SIZE: 75mm x 50mm x 28mm deep

TOTAL WEIGHT (INC. WIRES): 127gms. (approx.)

FITTING INSTRUCTIONS:

Locate the unit close to the battery, if possible. Do not fit into a very confined space. Allow some air space around the unit for cooling, ideally in the airflow for high load systems.
Mount to the frame with two fixing bolts, nuts and washers. The case does not have to be earthed, therefore it can be rubber mounted or mounted onto a surface that is not grounded.

WIRING FUNCTIONS:

WARNING: DO NOT CONNECT THE BATTERY THE WRONG WAY AROUND

YELLOW WIRES: ALTERNATOR INPUT

BLACK WIRE: NEGATIVE OUTPUT

RED WIRE: POSITIVE OUTPUT

BLUE WIRE: CUT BLUE WIRE FOR 12 VOLT USE, LEAVE INTACT FOR 6 VOLT USE.

For basic wiring diagrams, please see datasheet.

Datasheet
RR12-6.pdf

Specification

Regulator Type	
Alternator	Single Phase
Specification	
Supply Voltage	6 Volt / 12 Volt