

# Alpha 12/90 III



Product code: 48612090

Delivery includes Alpha Pro III charge regulator.

- Fast & complete charging of starter and service batteries.
- Power supply for all consumers.
- 12 V and 24 V versions.
- 75 A to 150 A charge current.
- Standard delivered with Alpha Pro III charge regulator for an optimal performance and longer-lasting batteries.

Using a Battery Mate or battery isolator in conjunction with an Alpha alternator makes it possible to easily charge two or three separate battery sets simultaneously.

TIP: A second alternator on the main engine, combined with a larger battery bank and inverter, could be an alternative for a generator.

### **For all engine types**

Alpha alternators are equipped with several fixations for customised alternator brackets, available from your installer or engine supplier. Some engine brands come with Mastervolt alternator brackets as an option.

### **Fast charging, even at a stationary rpm**

Standard alternators only supply the specified capacity at a high rpm. The Mastervolt Alpha alternator is specifically designed for powerful charging, even with a low engine rpm.

### **Multigroove pulley**

The 12/130 and 24/75 models are also available with a multigroove pulley.

### **Performs above 40 °C**

Forced cooling by fan operation of the pulley provides a lot of power in higher temperatures, especially close to the engine.

# Specifications

## General specifications

Charge regulation	an Alpha Pro III regulator comes standard with all models
Total charge current	90 A
Belt section	2xA
Isolated operation	yes
Rotational direction	2
Mounting	five to six, six o'clock & five past six
Dimensions	see 'Downloads' for drawings
Weight	5.5 kg 12.1 lb

## Technical specifications

Charge voltage Absorption	14.25 V
Charge voltage Float	13.25 V
Nominal diameter pulley	73 mm 2.9 inch