

## Alpha 12/90



PN 48012090

- Maximum yield from minimum engine hours
- Fast & complete charging of starter/service/bowthruster batteries
- Power supply for all consumers
- 3-stage charge method
- Optimum charge performance
- Longer-lasting batteries
- High output at low rpm
- Can be installed on any engine type
- Durable and easy to maintain
- Suitable for high ambient temperatures
- Left and right mounting possible
- Double pulley prevents slipping and premature belt deterioration
- With charge regulator, cable & cable harness

### Description

A Mastervolt alternator is easily the most economic way to generate on board (charge) capacity. Having an alternator on board is an excellent alternative to an AC diesel, AC petrol or DC generator, but your standard alternator will not suffice. The specially designed Mastervolt Alpha alternator is ideally suited for use as a powerful second alternator, allowing you to rapidly finish charging and turn the engines off when moored. You will be surprised how economic it will be!

The Mastervolt Alternator Alpha 12/90 produces direct current (DC) for your 12V on board system to charge batteries (starter, service or bowthruster) fast and complete through its three-stage charge characteristic. This alternator can be installed on any engine type and can be mounted in three different positions. A charge regulator Alpha Pro (12V) (three-stage) is included and achieves maximum yield from minimum engine hours. A loss in voltage due to wiring and/or battery isolator is automatically compensated for.

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. If you need high-speed battery recharging and complete solution for your energy system, a Mastervolt Alpha alternator is the solution!

## Specifications

Type enclosure	A
Charge current	90A
Alpha Pro charge regulator	standard included
Charge voltage absorption	14.25V
Charge voltage float	13.25V
Cable length regulator/alternator	1.5 metre (oil-resistant maritime connection cable standardly delivered)
Pulley (double) diameter	Ø 73 mm
Belt section	2xA
Isolated from mass	yes
Direction of revolutions	bi-directional
Weight	5.5 kg
Dimensions	Please consult drawing at downloads section
Mounting	five to six + six o'clock + five past six
Charge regulation	The Alpha Pro charge regulator is standard included

## Accessories



Charge regulator Alpha Pro  
(12V) (three-stage)



1602 (160A, 12/24V)



1603 (160A, 12/24V)