

Alpha Pro MB



Product code: 45512000

- Suitable for 12 and 24 V.
- Including plug & play connection cable, also for Bosch alternators.
- Automatic voltage and temperature compensation.
- MasterBus compatible.

The charge regulator measures the battery temperature and adjusts the charging process accordingly, resulting in a safe and fast charge. Therefore the battery is always kept in good condition.

Alpha Pro MB: Easy to operate

Easy operation LEDs on the body of the charge regulator indicate the charge phase. The Alpha Pro MB is designed as a 'fit all' solution. Just one unit is needed for both 12 and 24 V applications, with a simple selector switch to set the regulator to the right voltage. The charge regulator can also be used on any other brand of alternator that has a standard Bosch connector, with a cable supplied as standard.

MasterBus connectivity

The Alpha Pro MB is compatible with MasterBus, allowing easy monitoring via a MasterView touchscreen. In a MasterBus system the voltage drop over the battery cable and the battery temperature is compensated automatically.

Specifications

General specifications

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| Link to MasterShunt | yes |
| Connection to Mastervolt alternator | yes |
| Connection to Bosch alternator | yes |
| Nominal output voltage | 12 V / 24 V |
| Cable length regulator/alternator | 1.5 mtr oil resistant connection cable |
| Cable length temperature sensor | 6 mtr |
| Connection plug regulator/alternator | Alpha/Mastervolt |
| Display/read-out | LED display |
| MasterBus powering | yes |
| Dimensions, hxxxd | 90 x 109 x 30 mm 3.5 x 4.3 x 1.2 inch |
| Weight | 0.4 kg 0.9 lb |
| Cooling | fanless |
| Approvals | CE |

Technical specifications

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|---------------------------|---|
| Charge characteristic | I _{UoUo} , automatic / 3-step+ for gel/AGM/wet/Lithium Ion |
| Charge voltage Bulk | 14.25 V / 28.5 V |
| Charge voltage Absorption | 14.25 V / 28.5 V |
| Absorption time | 4 hours, adjustable from 2 minutes to 12 hours |
| Charge voltage Float | 13.25 V / 26.5 V |
| Temperature compensation | -30 mV / °C -17 mV / °F |
| Voltage compensation | voltage drop compensation in DC cables up to 3 V |
| Alternator type | various |
| MasterBus compatible | yes |