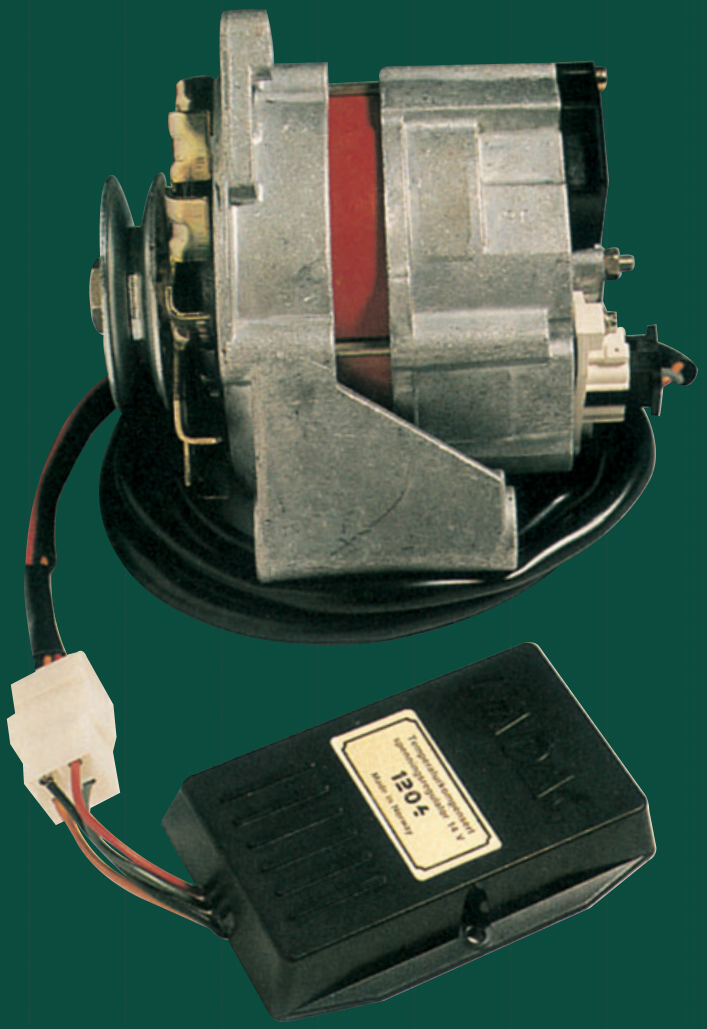
Regulator



LADAC®

www.ladac.no

The regulator that always keeps the battery top charged.

The philosophy behind LADAC voltage regulator

A voltage regulator is to supply the battery with current according to the condition of the battery. It is therefore important that the regulator feel the condition of the battery and adjust the current according to temperature.

LADAC regulators were developed with the battery's interest in mind. They will always supply the correct voltage at any given temperature. This increases the charging ability and lifetime of the battery considerably. LADAC voltage regulator will maintain the battery at peak capacity under all working conditions.

Special needs

In some cases extra effect is needed. Then the original system must be substituted with a more powerful alternator/generator. This equipment can be delivered to fit special working conditions in f.ex. cars, emergency vehicles, buses, tractors, trailers, boats, farming equipment etc.

LADAC 1204/1205/2404/2405/2406

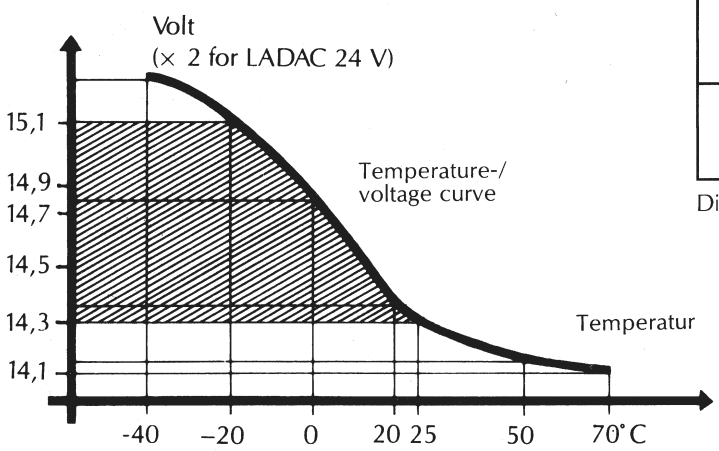
- Cooperates with the battery
- Maximum use of alternator/generator
- Temperature compensated charging
- Adjustable voltage

Cooperates with the battery

LADAC voltage regulator feels at any given time the battery's condition and will adjust the amount of charge thereafter to prevent gas and fluid loss.

Maximum use of alternator/generator

The voltage regulator will keep the charging level constant so that the alternator will work more effectively, even at heavy work loads. Even at low R.P.M. most charging systems will be able to deliver more electricity than with conventional regulators.



Temperature compensated charging voltage

LADAC regulators adjust the charging voltage depending on temperature. At low temperature the charging voltage is increased to compensate for internal resistance in the battery and vice versa. This results in an increased charge reseption capability in the winter time with reduced gas and fluid loss in the warmer periodes. The lifetime of the battery is increased.

Adjustable voltage

LADAC regulators are delivered for both 12 and 24V system. To compensate for electricity loss in the cables, the charging current can be adjusted to the correct level to achieve optimal charging. Correct input at f.ex. 20 °C is 14,4V and 28,8V accordingly.

LADAC regulators are one of the few regulators that built to compensate for the tough conditions in winter Scandinavia. They are developed to withstand rappid temperature and humidity changes so that they are also very suitable at sea.

The regulators are small and simple in design, however, they will give the battery the feeling of summer all year round.

LADAC regulators are, if you will, the battery's all year coat.

Technical date:

Type	Voltage	Charging voltage	Function
1204	12 V	14,40 V	Positive regulated
1205	12 V	14,40 V	Negative regulated
2404	24 V	28,80 V	Positive regulated
2405	24 V	28,80 V	Negative regulated with current limit
2406	24 V	28,80 V	Positive regulated with extern Temp. sensed

Dimensions: 120×85×22 mm

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