



# ESM5

## Solar-Battery-Maintainer-System

The ESM5 is a Solar module with integrated charge controller for maintaining 12VDC lead-based rechargeable batteries.

Long standstill for production and transport as well as increasing standby-power consumption of new cars often lead to a discharge of the vehicle battery.

The ESM5 Solar-Battery-Maintainer-System prevents a deep discharge of the battery, causing a massive increase of the battery lifetime. The current state of charge of the battery is indicated on the front side of the ESM5 at any time via LEDs.

### Benefits

- Easy to mount inside the vehicle
- Processor controlled charging
- Increases battery lifetime
- Robust Solar module



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## Solar-Battery-Maintainer-System



### Design

- Easy to mount with suction cups
- Aluminium / plastic sandwich carrier plate
- Built-in blocking diode to prevent battery leakage current
- Charge controller with automatic night sleep mode
- Extensive protection functions and self-protection functions
- Status signalling via LEDs
- Charging via OBD-connector or charging clamps

### Technical data

|                        |                   |
|------------------------|-------------------|
| Charging voltage       | max. 14,2V        |
| Charging current       | max. 0,6A         |
| Power                  | 12W               |
| Dimensions (W x D x H) | 175 x 570 x 20 mm |
| Weight                 | 0,8 kg            |



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