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
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

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