

# ESM5

Solar-Battery-Maintainer System



*Deutronic Charging Technology*  
for extending the lifetime of the battery

The ESM5 is a solar module with an integrated charge controller for maintaining 12VDC rechargeable batteries.

Long lifetimes after 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.

Power .....



**DEUTRONIC**   
EDWANZ group

# ESM5

## Solar-Battery-Maintainer System



### Advantages

- ✓ Solar module with integrated charge controller for 12VDC Lead/AGM/Lithium/gel based rechargeable batteries
- ✓ Processor controlled charging
- ✓ Robust solar module
- ✓ Aluminium / plastic sandwich carrier plate
- ✓ Only 5 mm thick (without charge controller)
- ✓ Status signalling via LEDs
- ✓ Charging via OBD-connector or charging clamps
- ✓ Easy installation in the car interior
- ✓ Extends the lifetime of the battery
- ✓ Preservation of battery quality, thus avoiding complaints due to defective or too weak vehicle batteries

### Technical data

Type	Output voltage	Max. output current
ESM5	14,2VDC	max. 600mA



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