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First class solar technology!

SOLARC

Your industrial partner for the development and production of high efficiency solar systems and charge regulators.

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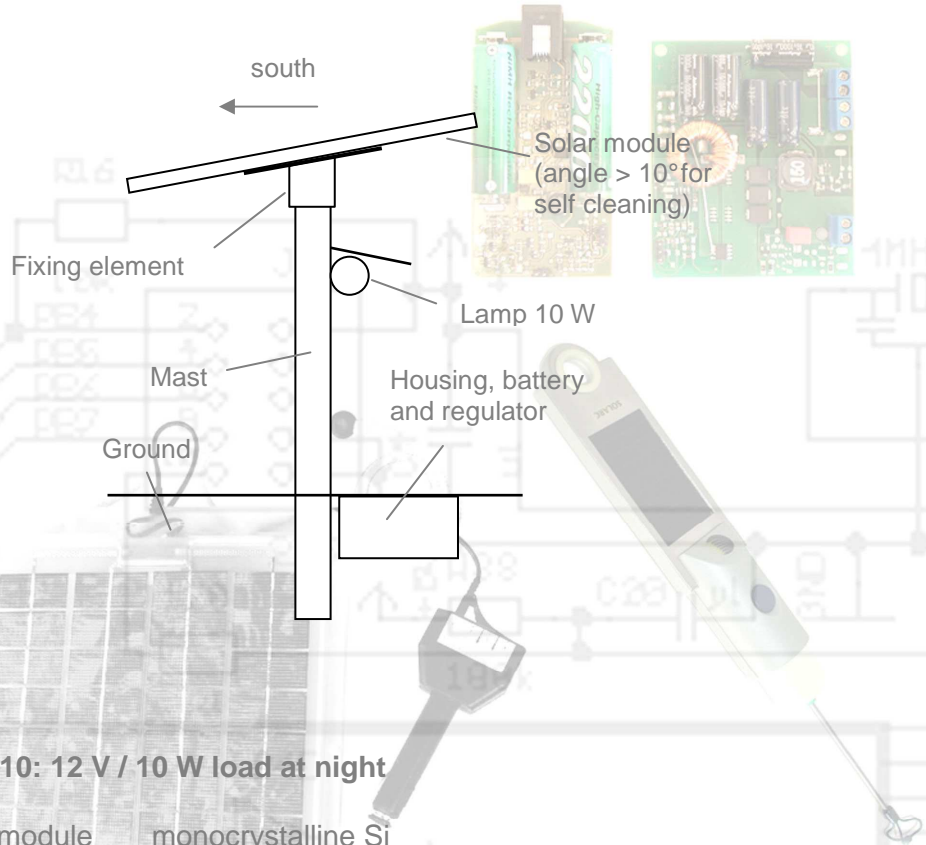
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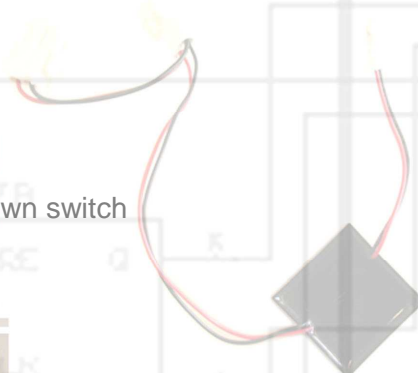
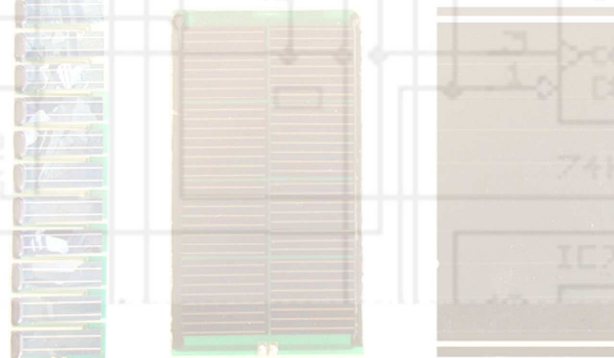
Solar Home System for stand-alone lighting system 10W Manual



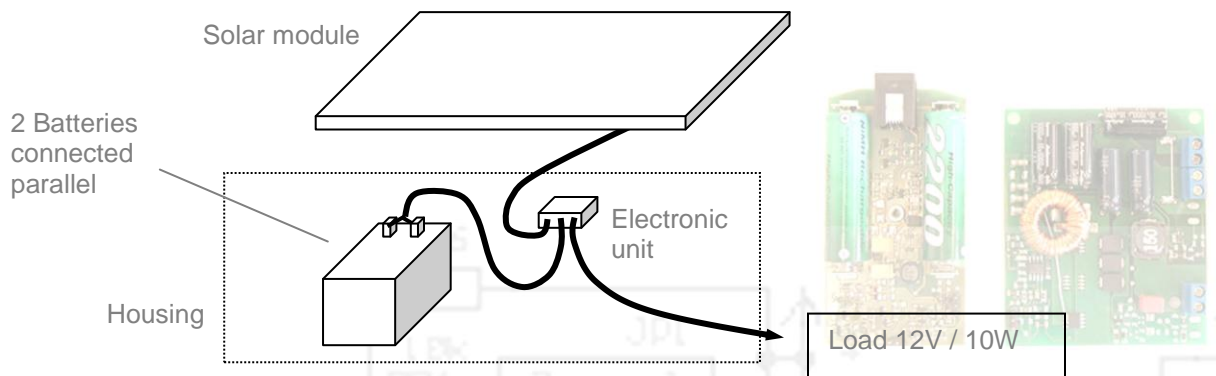
System 10: 12 V / 10 W load at night

- Solar module monocrystalline Si
- Peak Power 50W
- Dimensions 970x430x34 mm
- Weight 5,5kg
- Battery SLA 12V
- Capacity 42Ah
- Dimensions 200 x 165 x 175mm
- Weight 16kg

- Regulator Charge controller 8A, deep discharge protection, dawn switch
- Dimensions 100 x 90 x 60mm



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Hints

- Mechanical construction must take care of max. wind velocity and other mechanical impacts. Modules are simply fixed by screws through rear holes in the Aluminium frame.
- Use only cables suited for outdoor installation. Inner copper diameter min. 1,5mm (solar module/battery) and min. 0,8 mm (lamp).
- Take care of correct polarity of all cables, otherwise damage possible!!!
- Battery should be installed in upright position.
- For regulator function and connector table compare the detailed manual.
- There is no timer function at the regulator since it would shut down the lamp to zero (which is not useful for streetlight). A timer function with reduction to 30 – 50% after an adjustable period is planned for the series regulator.
- After installation you only have to adjust the dawn switch level at the trimmer on top of the regulator.

Last updated 08/2011, subject to change without notice



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