

Let's start - SOLARC!

First class solar technology!

SOLARC

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

Start the future of independent mobile energy together with us!



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Flex Solar module CSM16.028

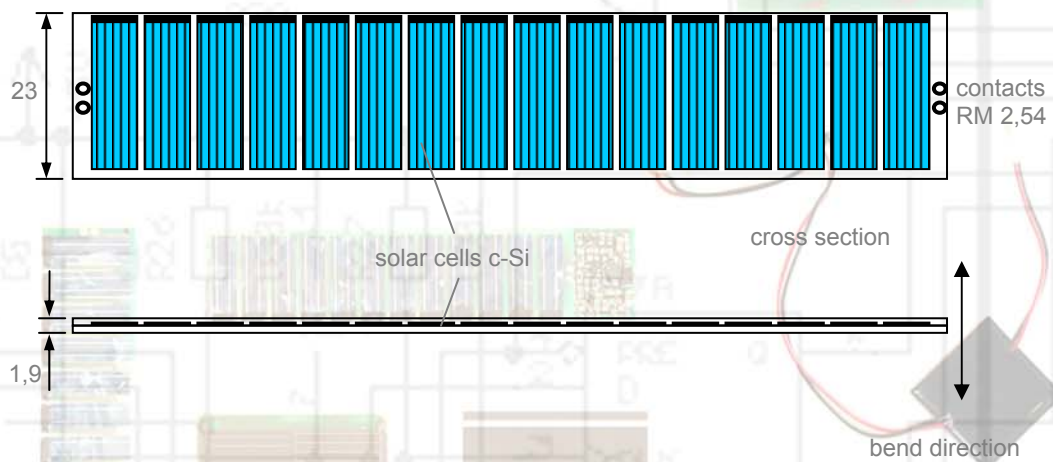
Construction

- solar cells 6 x 20mm in separate sections
- base plate and encapsulation designed for a minimum bend radius of 15mm in both directions
- local pressure load comparable with a rigid construction on FR4 (1mm)
- different front encapsulations possible
- electronics DCC2-LP with MPP customization and charge regulation for external battery, e.g. Li-Polymer, on separate assembly (approx. 23 x 160 x 1,9 - 3mm)

Technical Data

- solar cells poly-Si or mono-Si ($\eta = 15.6\%$ or 19.0%)
- $P_{mpp} = 300 - 365 \text{ mW}_p$
(at STC, i. e. $P_{light} = 1000 \text{ W/m}^2$; AM 1.5; $T_{module} = 25^\circ\text{C}$)
- range $T_{module}: -55 \dots +125^\circ\text{C}$
- max. humidity : 100%

Sketch: scale approx. 1:1 (all measures in mm)



09/2011, subject to change without notice.

