

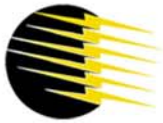
# Let's start - SOLARC!

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!



# SOLARC

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## Flex Solar module CSM16.028

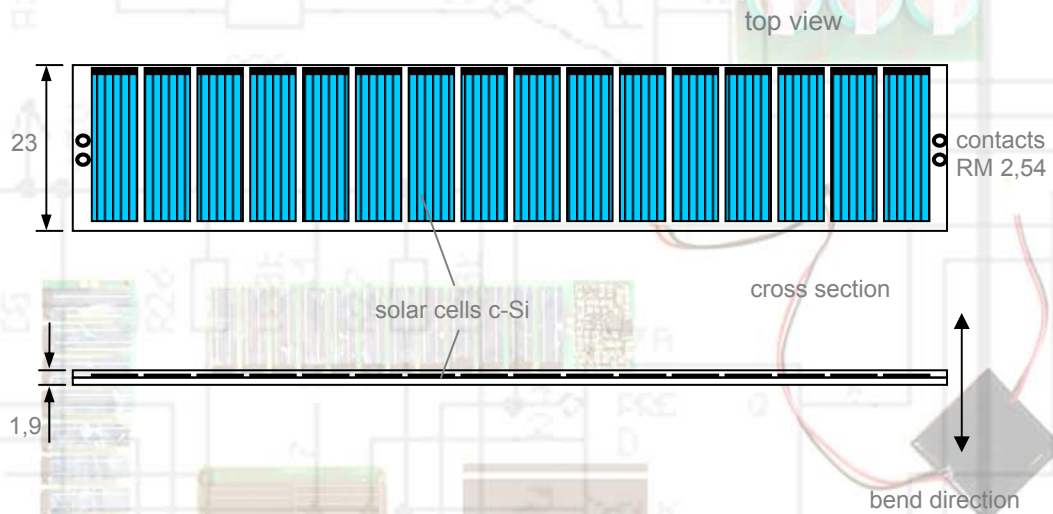
### Construction

- 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)



04/2008, subject to change without notice.

