

Check it - MacSolar!

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 with us!



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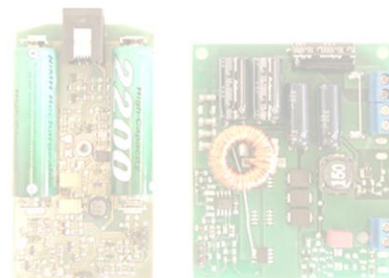
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Technical data MacSolar E

Measuring range / Resolution

| | P_{tot} | T |
|------------|------------------|-------------|
| Unit | W/m ² | °C |
| values | 0 ... 1500 | -40 ... +85 |
| Resolution | 1 | 0.1 |



- Overall accuracy $P_{tot} < 3\% \pm 1 \text{ digit}$ (50...1.000W/m² / AM1,5 / normal incidence(*2) / $T_{module} = 0...+50^{\circ}\text{C}$)
- Overall accuracy T $< 3\text{K} \pm 1 \text{ digit}$ (-25...+75°C)
 $< 1\text{K} \pm 1 \text{ digit}$ on request
- Power consumption (active Mode) 4mW
- Rated power of integr. Solar panel 180mW *1
- Operating temperature range -20 ... +50°C (Ambient temperature)
- Max. ambient humidity 90%
- Dimensions (without mounting) 130 x 90 x 30mm i.e.
5.1 x 3.5 x 1.2 inches
- Weight (without mounting) 170g i.e. 6oz
- Certification CE / EN50081, EN50082
- Calibration according to IEC904/3
Calibration certificate on request
- Warranty 2 years

*1 at standard test conditions: $P_{tot} = 1.000 \text{ W/m}^2$, spectrum AM1.5, $T = 25^{\circ}\text{C}$

*2 as certified by FhG ISE Freiburg in Germany

Last updated 08/2011, subject to change without notice

