

SM 05 - 700

Solar-Modul made of highest quality German solar cells, produced using EPS soltec's technology, guarantee high levels of efficiency for small technical applications.

Efficient EPS module technology which is tested successfully for many years makes the realization of new products possible.



Robust

For protection against weather and mechanical influences the strings are embedded into permanent elastic crystal-clear potting compound. The frame consists of anodised aluminium.

Performance

Due to the high power density and the compact style the module can be used for new applications.

Versatile

The modules are very well suitable to the construction on ready cases or equipment.

Quality

The solar cells carefully poured in the aluminium framework are covered with a crystal-clear plate. Through this combination a very high transparency is reached.

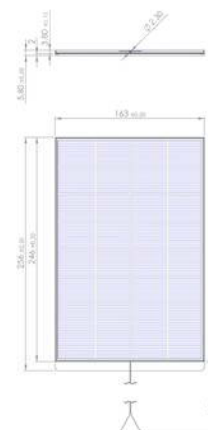
Special features

- Weather strength – very good long-term stability
- Through space-saving arrangement - additional increased efficiency
- Cell efficiency >15% (embedded), low in tolerance of efficiency $\pm 5\%$
- Very slight design

Data

| Photovoltaic module | |
|---------------------|---------------------|
| Dimensions | 246mmx163mmx3,8mm |
| Quantity cells | 16 (monokristallin) |
| Cell size | 78mmx29mm |
| Weight | 256mmx163mmx2mm |
| Uoc | ca. 240g |
| Umpp | $\geq 9,7V$ |
| Unenn | $\geq 7,9V$ |
| Isc | 5,0V |
| Inenn | 770mA |
| Impp | 733,4mA |
| Ppeak | 700mA |
| Pnenn | 5,81W (+-5%) |

Dimensions:



* The electronic values refer to BOSCH solar cells M 2 BB, class 3,89
 ** leaving technical changes