



Photovoltaic modules of series SF 115/2 made by Solar-Fabrik offer top quality:

- Long term stability by use of highly transparent, specially doped solar glass with UV blocker.
- Highest energy output achieved by careful processing and exact tuning of components.
- State of the art manufacturing technology and highly developed quality management guarantee best quality of products "Made in Germany".
- Top quality spring loaded terminals for increased reliability of connections; safe connection for many years; permanently low series resistance at module terminals.
- The photovoltaic modules SF 115/2 are guarantee for 25 years

Module data (subject to technical modification)				
Nominal power		110 Wp	115 Wp	120 Wp
Sorting limits		+/- 2,5 W	+/- 2,5 W	+/- 2,5 W
Solar cells per module (monocrystalline)		36		
Voltage	$V_{MPP}$	16,6 v	16,99 v	17,14 v
Open circuit voltage	$V_{OC}$	21,3 v	21,5 v	21,7 v
Current ( typical in charge )	$I_{MPP}$	6,62 A	6,77 A	7,00 A
Short circuit current	$I_{SC}$	7,55 A	7,7 A	7,85 A
Open circuit voltage at -10° C	aprox	23,96 v	24,16 v	24,36 v
Voltage at 65° C	aprox	13,57 v	13,95 v	14,10 v
Max. System voltage		840 v.		
Temperatura coefficient voltage	$U_{LL}$	- 76 mV / K		
Temperature coefficient current	$I_{KS}$	+ 2,2 mA / K		
High voltage test		3200 $V_{CC}$ / máx. 60 $\mu$ A		
Hail resistance		Up to 25 mm diameter at 23 m/s		
Store resistance		Windspeed up to 130 Km/h $\triangle$ 800 Pa and safety factor 3		
Snow load:		Up to 1,2 kN/m <sup>2</sup> and safety factor 2		
		Framed		
Dimensions ( mm x mm )		1491 x 669		
Thickness ( mm )		35		
Weight		12,5 Kgr.		