

SM 30

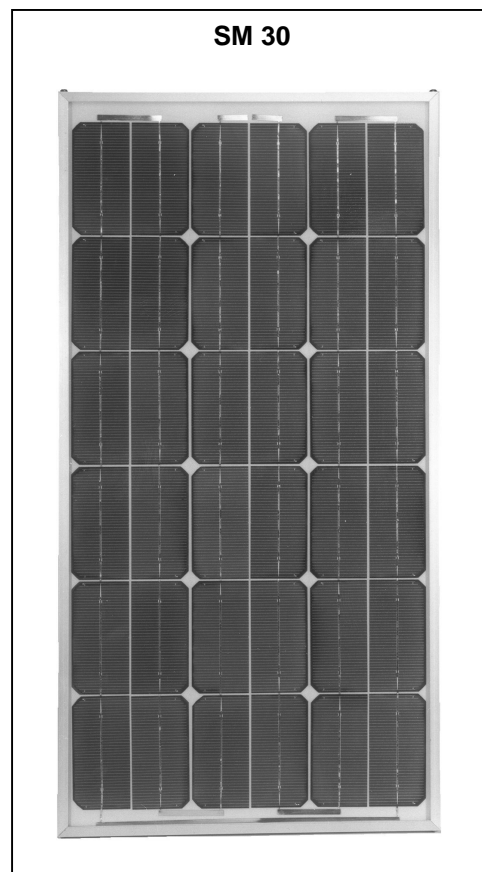
SM 30/36 – Item No. 10033

Manufacturer **SUNSET**

Solar generator SM 30/36 has been developed especially for the use in middle private and industrial appliances e.g. lighting for weekend chalet, independent power supply for pumping systems etc.

The 36 half cells made from monocrystalline silicon achieve a peak power of 30 Wp. The solar cells are textured and non-reflective. They are sandwiched within the laminated module in soft EVA plastic (ethylene-vinyl-acetate). This guarantees water resistance and UV stability as well as electrical insulation and allows thermal expansion. Connectivity is via a one metre long electrical wire.

The front cover of SM 30/36 of hardened very clear special glass is extremely light-permeable and robust. The Tedlar plastic reverse side is strongly bonded to the glass layer. Anodized aluminium L-profiles form the warp resistant module frame in which the laminate is enclosed. Thus the solar module SM 10 is well protected from mechanical and climatic influences.



Technical specifications SM 30/36

Rated power P_{max}	[W _p]	30
Rated current I_{MPP}	[A]	1,74
Rated voltage U_{MPP}	[V]	17,3
Short circuit current I_K	[A]	1,93
Open circuit Voltage U_L	[V]	20,8
Length	[mm]	685
Width	[mm]	340
Height	[mm]	20
Height of terminal box	[mm]	12
Weight	[kg]	2,7

Limited warranty for 10 years power output

Watt_p [W_p]: peak power under test conditions, Air Mass AM = 1,5 , Radiation E = 1000 W/m², Cell temperatur T_c = 25 °C