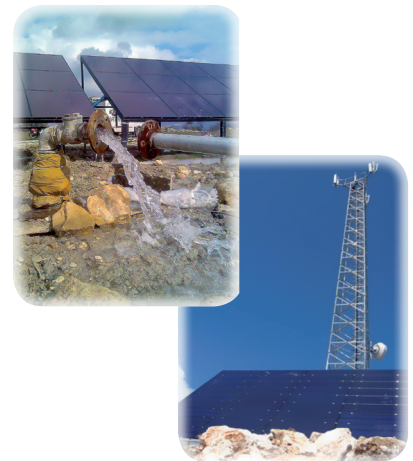


SUNSET Off-Grid Modules

As a solar specialist with nearly 35 years of experience, SUNSET makes a significant contribution to a ground breaking progress in solar technology. A result of our long term experience are the Off-Grid modules, photovoltaic modules especially designed for applications with high power requirements.

These outstanding modules produce a continuous and reliable yield, even under extreme conditions. Equal if lighting for buildings without grid connection or complete village electrifications. Also for deep well pumps or telecommunication stations our Off-Grid modules provide a secure power supply. All components of our Off-Grid systems harmonise in an ideal way, to ensure the highest satisfaction.



Sunset Off-Grid modules at a glance

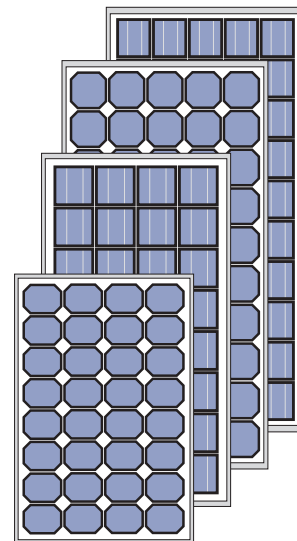
- Designed for extreme conditions, with high quality materials to ensure maximal stability and a long life cycle
- Antifreeze protection, due to profiled module frame
- Thanks to a splash-proof connection box we can provide simple direct cabling, where no special tools are necessary
- Wide range of different power classes and sizes, to cover perfectly individual needs
- Manufactured under German quality standards

The world's future energy[®] by

SUNSET

Off-Grid Modules

Specifications SM Series		10/36	10 L/36	30/36	30 L/36	45/36	45 L/36
Nominal power ($\pm 5\%$)	[W _p]	10	10	30	30	45	45
Rated current	[A]	0.58	0.58	1.74	1.74	2.55	2.55
Rated voltage	[V]	17.2	17.2	17.3	17.3	17.6	17.6
Short circuit current	[A]	0.64	0.64	1.93	1.93	2.78	2.78
Open circuit voltage	[V]	20.8	20.8	20.8	20.8	20.9	20.9
Length	[mm]	434	460	685	681	640	645
Width	[mm]	234	235	340	336	530	538
Height	[mm]	20	12	20	12	20	12
Weight	[kg]	1.3	0.5	2.7	1.3	4.2	2.2



Specifications AS/PX Series		AS 50	AS 60	PX 50	PX 60	PX 70	PX 80	PX 90	PX 130	PX 140	PX 150
Nominal power ($\pm 5\%$)	[W _p]	50	60	50	60	70	80	90	130	140	150
Rated current	[A]	3.0	3.35	2.9	3.75	4.05	4.5	4.8	7.7	7.75	8.08
Rated voltage	[V]	16.7	17.9	17.2	15.8	17.2	17.8	18.8	17.2	18.05	18.5
Short circuit current	[A]	3.3	3.65	3.30	4.1	4.5	4.79	5.11	8.4	8.45	8.7
Open circuit voltage	[V]	21.5	21.8	31.1	18.2	21.0	21.3	22.5	21.4	21.1	22.2
Max. system voltage	[V]	600	600	600	600	600	600	600	800	800	800
Length	[mm]	986	773	986	773	1200	1200	1200	1480	1480	1480
Width	[mm]	460	660	460	660	536	536	536	660	660	660
Height	[mm]	40	35	40	35	35	35	35	35	35	35
Weight	[kg]	7.5	6.0	7.5	6.0	7.2	7.2	7.2	11.7	11.7	11.7

Over the years SUNSET Solar has set high benchmarks with its high quality standards.

Continuous tests guarantee a consistently high level of quality. Every module undergoes visual, mechanical, and electrical inspections. This is recognisable by means of the original SUNSET label, the serial number, and the SUNSET guarantee:

- 5 years product warranty
- 10 years linear performance warranty for a power output of 90%
- 25 years linear performance warranty for a power output of 80%
- Detailed warranty conditions and additional information can be found in our warranty terms
- Production according to IEC 61215 and IEC 61730

Partner: