

Photovoltaics is our passion



mono 536 (5Wp / 10Wp / 20Wp / 30 Wp / 35Wp / 50Wp / 55Wp)

mono 690 (90Wp) / **mono 6100** (100Wp)

EFFICIENCY

- Low voltage-temperature coefficient ensures high-temperature operation
- Exceptional low-light performance combined with high sensitivity to light enables excellent energy delivery

MATERIALS

- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance
- Advanced EVA encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation
- A sturdy, anodized aluminum frame allows modules to be easily roof-mounted with a variety of standard mounting systems
- Ultra reliable bypass diodes prevent damage through overheating due to shaded or defective cells

BENEFITS

- Manufactured in an ISO 9001:2000 certified plant
- High efficiency, high safety, high reliability
- Output power tolerance of +/-5%
- 25-year limited warranty on power output, 5-year limited warranty on materials and workmanship



SPECIFICATIONS

Modul Type	mono 536	mono 536	mono 536	mono 536	mono 536
Peak Power (Pmax)	5W	10W	15W	20W	30W
Weight	1.2 kg	1.7kg	2.0kg	2.7kg	4.0kg
Dimensions (mm)	401x176x35	383x299x35	450x299x35	550x299x35	633x427x35
Maximum power voltage (Vmp)	17.82V	17.85V	17.82V	17.82V	19.4V
Maximum power current (Imp)	0.285A	0.57A	0.84A	1.14A	1.55A
Open circuit voltage (Voc)	21.96V	21.96V	21.96V	21.96V	23.8V
Short circuit current (Isc)	0.315A	0.63A	0.94A	1.27A	1.74A
Maximum system voltage	DC 1000V				
Temp. Coeff. of Isc (TK Isc)	0.02%/°C				
Temp. Coeff. of Voc (TK Voc)	-0.31%/°C				
Temp. Coeff. of Pmax (TK Pmax)	-0.44%/°C				
Normal Operating Cell Temperature	44.4 ±2°C				
IWS-Nr.:	1237.41	1237.42	1237.43	1237.441	1237.46
Preise (CHF):	41.-	67.-	86.-	110.-	125.-

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

SPECIFICATIONS

Modul Type	mono 536	mono 536	mono 536	mono 690	mono 6100
Peak Power (Pmax)	35W	50W	55W	90W	100W
Weight	4.0kg	6.0kg	6.0kg	8.2kg	8.2kg
Dimensions (mm)	690x427x35	980x445x35	980x445x35	1205x545x35	1205x545x35
Maximum power voltage (Vmp)	17.72V	18.22V	18.4V	18.18V	18.48V
Maximum power current (Imp)	1.97A	2.75A	2.99A	4.95A	5.41A
Open circuit voltage (Voc)	21.74V	21.96V	22.1V	22.1V	22.25V
Short circuit current (Isc)	2.17A	3.04A	3.22A	5.53A	5.72A
Maximum system voltage	DC 1000V				
Temp. Coeff. of Isc (TK Isc)	0.02%/°C				
Temp. Coeff. of Voc (TK Voc)	-0.31%/°C				
Temp. Coeff. of Pmax (TK Pmax)	-0.44%/°C				
Normal Operating Cell Temperature	44.4 ±2°C				
IWS-Nr.:	1237.471	1237.49	1237.5	1237.9	1237.91
Preise (CHF):	145.-	185.-	198.-	267.-	289.-

Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C.

