

THE UNIVERSAL MODULE



ULTRA-LIGHTWEIGHT



FLEXIBILITY



EASILY MOUNTED
WITH A NUMBER OF
ASSEMBLY OPTIONS



EXTREME WEATHER
CONDITIONS



SPECIAL CUSTOMIZED
SOLUTIONS



HIGHER ENERGY YIELD



THE UNIVERSAL MODULE

AVAILABLE STANDARD SIZES

Please contact us for any
other size or format.



* Dimensions front junction box (length)/rear junction box (length)

Module length	2024* / 1975 mm	12	55 Wp 7.99 Voc 6.29 Vmp	115 Wp 15.99 Voc 13.14 Vmp	170 Wp 23.98 Voc 19.43 Vmp	225 Wp 31.98 Voc 25.71 Vmp	285 Wp 39.97 Voc 32.57 Vmp	345 Wp 47.96 Voc 39.43 Vmp
	1868* / 1819 mm	11	50 Wp 7.33 Voc 5.71 Vmp	105 Wp 14.66 Voc 12.00 Vmp	155 Wp 21.98 Voc 17.71 Vmp	210 Wp 29.31 Voc 24.00 Vmp	260 Wp 36.64 Voc 29.71 Vmp	310 Wp 43.97 Voc 35.43 Vmp
	1706* / 1657 mm	10	45 Wp 6.66 Voc 5.14Vmp	95 Wp 13.32 Voc 10.86 Vmp	140 Wp 19.99 Voc 16.00 Vmp	190 Wp 26.65 Voc 21.71 Vmp	235 Wp 33.31 Voc 26.86 Vmp	285 Wp 39.97 Voc 32.57 Vmp
	1549* / 1500 mm	9	40 Wp 6.00 Voc 4.57 Vmp	85 Wp 11.99 Voc 9.71 Vmp	125 Wp 17.99 Voc 14.29 Vmp	170 Wp 23.98 Voc 19.43 Vmp	210 Wp 29.98 Voc 24.00 Vmp	255 Wp 35.97 Voc 29.14 Vmp
	1389* / 1340 mm	8	35 Wp 5.33 Voc 4.00 Vmp	75 Wp 10.66 Voc 8.57 Vmp	110 Wp 15.99 Voc 12.57 Vmp	150 Wp 21.32 Voc 17.14 Vmp	190 Wp 26.65 Voc 21.71 Vmp	230 Wp 31.98 Voc 26.29 Vmp
	1230* / 1181 mm	7	30 Wp 4.66 Voc 3.43 Vmp	65 Wp 9.33 Voc 7.43 Vmp	100 Wp 13.99 Voc 14.43 Vmp	130 Wp 18.65 Voc 14.86 Vmp	165 Wp 23.32 Voc 18.86 Vmp	200 Wp 27.98 Voc 22.86 Vmp
	1070* / 1021 mm	6	25 Wp 4.00 Voc 2.86 Vmp	55 Wp 7.99 Voc 6.29 Vmp	80 Wp 11.99 Voc 9.14 Vmp	115 Wp 15.99 Voc 13.14 Vmp	145 Wp 19.99 Voc 16.57 Vmp	170 Wp 23.98 Voc 19.43 Vmp
Number of cells			1	2	3	4	5	6
			204 mm	354 mm	523 mm	673 mm	842 mm	991 mm
			Module width					

TECHNICAL DATA	
Solar cells	5BB monocrystalline solar cells
Maximum system voltage	1000 V
Maximum reverse current	20 A
Isc	9.07 A
Imp	8.75 A
Weight	from 2.5 kg/m ² (typically 3.3 kg/m ²)
Front sheet	Soil-resistant ETFE-Film
Encapsulation	Patented fiberglass-reinforced plastic
Back sheet	High-resistance PET
Junction box	TÜV-certified (IP67/68) with bypass-diodes
Cables	2 x 4 mm ²
Connector	PV4-S

THERMAL CHARACTERISTICS	
Operating temperature range	-40°C to 85°C
Temperature coefficient Pmpp	-0.393 % / °C
Temperature coefficient Voc	-0.310 % / °C
Temperature coefficient Isc	0.051 % / °C

APPLICATIONS	POWER RANGE 25WP-345WP	HIGH RELIABILITY	WARRANTY
Building-integrated and building-applied PV (rooftop, facade)	Tolerances ≥ 250 Wp: -0/+5 W 100 – 250 Wp: -3.5/+3.5 W < 100 Wp: -2.5/+2.5 W	IEC 61730 IEC 61215 IEC 62804-1 Potential-induced degradation IEC 61701 Salt mist corrosion IEC 62716 Ammonia corrosion EN 13501-5 B _{ROOF} (t1) "Flying sparks test"	10-year product warranty 40-year linear performance warranty for building-integrated and building-applied installations

SCIENTIFIC PARTNERS AND ASSOCIATIONS



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