

30
years
Performance
Guarantee

12
years
Product
Warranty



HUNDER

POWERFUL, EFFICIENT, STEADY



BY



TECHNICAL DATA

AE HM6-66 Series 380W-400W

SPECIFICATIONS

		AE380HM6-66	AE385HM6-66	AE390HM6-66	AE395HM6-66	AE400HM6-66
Nominal Max. Power	Pmax (Wp)	380	385	390	395	400
Maximum power voltage	Vmp(V)	40.6	40.8	40.8	40.9	41.0
Maximum power current	Imp (A)	9.39	9.44	9.56	9.66	9.76
Open-circuit voltage	Voc(V)	49.1	49.3	49.3	49.4	49.6
Short-circuit current	Isc (A)	9.93	9.98	10.03	10.07	10.12
Module efficiency	(%)	20.3	20.5	20.8	21.1	21.3
Power tolerance	Pmax (Wp)	0 / + 4.99				
Maximum system voltage DC	VDC(IEC)	1500				
Operating temperature	(°C)	-40 to +85				
Temp. coefficients of Pmax	(%/°C)	-0.34				
Temp. coefficients of Voc	(%/°C)	-0.27				
Temp. coefficients of Isc	(%/°C)	0.04				
Nom. Operating cell temp.(NOCT)	(°C)	42.3±2				

The electrical data apply to standard test conditions (STC): Irradiance of 1000 W/m² with spectrum AM 1.5 and a cell temperature of 25°C.

MATERIAL CHARACTERISTICS

Cell type	PERC Mono-crystalline 158.75 x 158.75mm
Dimensions	1646 X 1140 X 35 mm
Weight	20.5 kg
Junction box	IP67; TUV&UL
Output cable	1 x 4.0mm ² / 1000mm
Connector type	MC4 / MC4 compatible
Hail resistance	Diameter of 1m. Ø 25 mm, at 23 m/s
Wind load	2400 PA / 244 kg/m ²
Mechanical load	5400 Pa / 550 kg/m ²

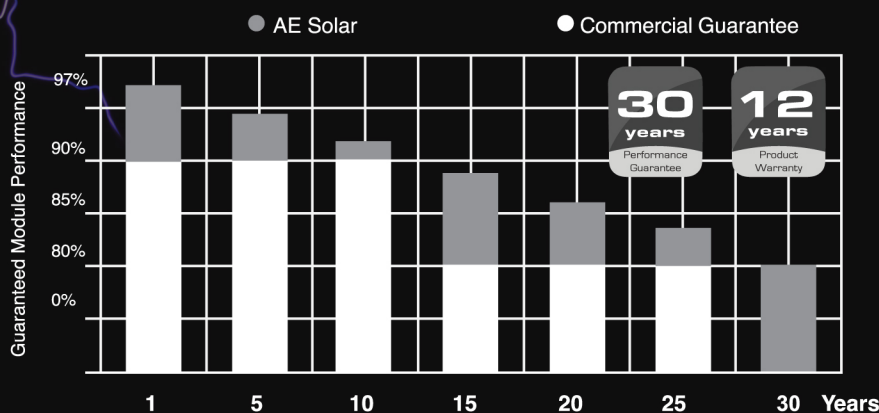
PACKAGING INFORMATION

Packing configuration	62pcs / double pallet
Loading Capacity	868pcs / 40HQ
Size / pallet (mm)	1685 x 1135 x 2490
Weight	1370 kg / double pallet

CERTIFICATES



OUR PERFORMANCE GUARANTEE



THE SOLAR INDUSTRY IS ADVANCING AT A RAPID PACE. SOLAR EQUIPMENT CONTINUES TO BECOME MORE POWERFUL AND MORE RESILIENT WHILE BECOMING LESS EXPENSIVE. THUNDER IS THE MOST EFFICIENT NEXT-GENERATION SOLAR PANELS SERIES CREATED BY AE SOLAR. A WINNING COMBINATION OF HIGHEST-WATTAGE AND MODERN AESTHETIC GUARANTEES TO MAXIMIZE YOUR BENEFIT FROM A SOLAR INVESTMENT.

THUNDER IS MORE POWER, THUNDER IS MORE SAVINGS.



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