

**30**  
years  
Performance  
Guarantee

**12**  
years  
Product  
Warranty



# HUNDER

POWERFUL, EFFICIENT, STEADY



BY



# TECHNICAL DATA

## AE SMB-66F Series 390W-400W

### SPECIFICATIONS

		AE390SMB-66F	AE395SMB-66F	AE400SMB-66F
Nominal Max. Power	Pmax (Wp)	390	395	400
Maximum power voltage	Vmp(V)	40.8	40.9	41.0
Maximum power current	Imp (A)	9.56	9.66	9.76
Open-circuit voltage	Voc(V)	49.3	49.4	49.6
Short-circuit current	Isc (A)	10.03	10.07	10.12
Module efficiency	(%)	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/m<sup>2</sup> with spectrum AM 1.5 and a cell temperature of 25°C.

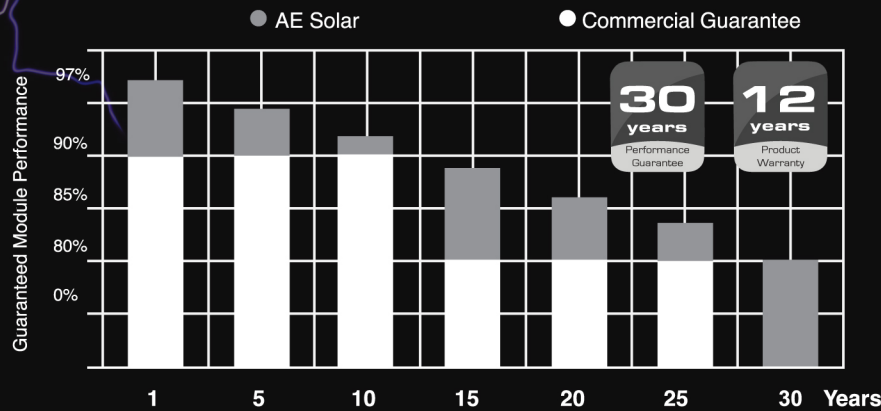
### MATERIAL CHARACTERISTICS

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 <sup>2</sup> / 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 <sup>2</sup>
Mechanical load	5400 Pa / 550 kg/m <sup>2</sup>

### PACKAGING INFORMATION

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

### OUR PERFORMANCE GUARANTEE



### CERTIFICATES



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.**



**AE SOLAR**  
Messerschmitt  
86343 Königbrunn Germany

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Tel.: +49 8231 92 92 522  
Fax: +49 8231 97 82 68 9  
Email: sales@ae-solar.com  
Web: www.ae-solar.com