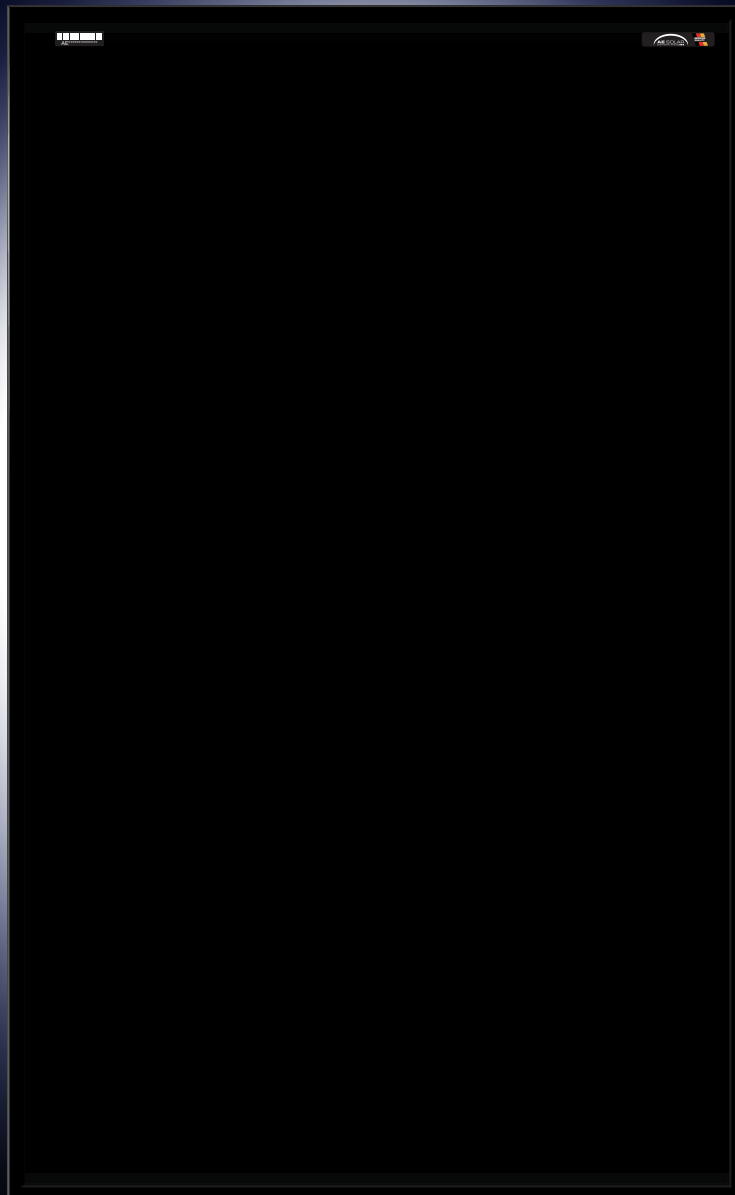




AE HM6-60



305W-335W
ECLIPSE
ULTRA BLACK
series



TECHNICAL DATA

AE HM6-60 Series 310W-320W

SPECIFICATIONS

		AE310HM6-60	AE315HM6-60	AE320HM6-60
Nominal Max. Power	Pmax (Wp)	310	315	320
Maximum power voltage	Vmp(V)	33.00	33.20	33.40
Maximum power current	Imp (A)	9.40	9.49	9.59
Open-circuit voltage	Voc (V)	40.50	40.70	40.90
Short-circuit current	Isc (A)	9.92	10.04	10.15
Module efficiency	(%)	18.69	18.99	19.30
Power tolerance	Pmax (Wp)	0 / + 5		
Maximum system voltage DC	(V)	1000		
Maximum series fuse rating	(A)	15		
Operating temperature	(°C)	-40 to +85		
Temp. coefficients of Pmax	(%/°C)	-0.37		
Temp. coefficients of Voc	(%/°C)	-0.28		
Temp. coefficients of Isc	(%/°C)	0.048		
Nom. Operating cell temp.(NOCT)	(°C)	45±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.

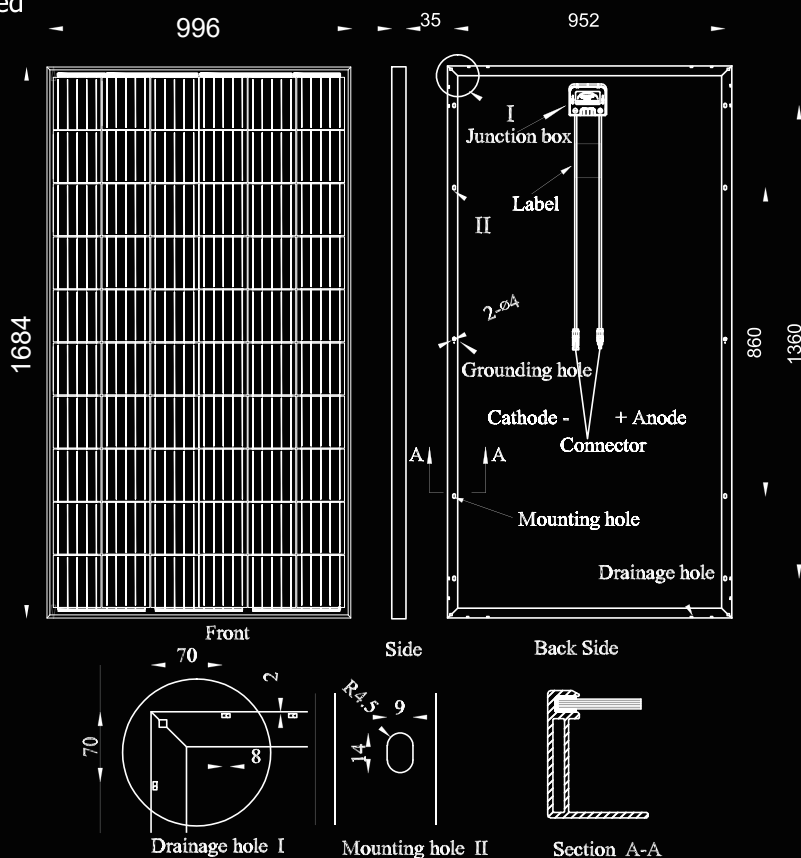
MATERIAL CHARACTERISTICS

Cell type	Mono-crystalline 158.75 x 158.75mm
No. of cells	60 (6 x 10)
Dimensions	1665 X 996 X 35
Weight	18.5 kg
Junction box	IP 67 rated (3 bypass diodes)
Output cable	1 x 4.0mm ² , 900mm length or customised
Connector type	MC 4 / MC 4 compatible
Hail resistance	Max. Ø 25 mm, at 23 m/s
Wind load	2400 Pa / 244 kg/m ²
Mechanical load	5400 Pa / 550 kg/m ²

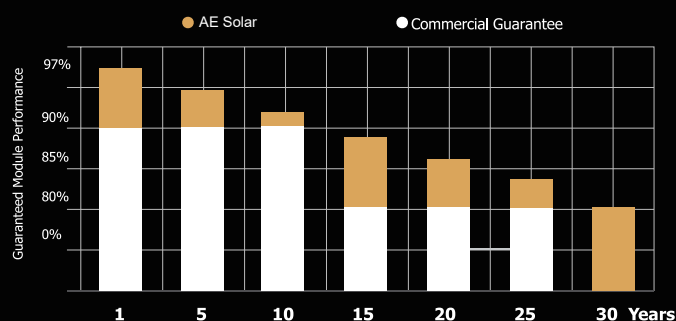
PACKAGING INFORMATION

Packing configuration	64 pcs / double pallet
Loading Capacity	896 pcs / 40HQ
Size / pallet (mm)	1695 x 1135 x 2395
Weight	1283 kg / double pallet

DIMENSIONS



OUR PERFORMANCE GUARANTEE



AE-DSH2019 V.002

All rights reserved. Specifications included in this data sheet are subject to change without notice.

AE SOLAR

Messerschmitttring 54
86343 Königsbrunn
Germany

Tel.: +49 8231 92 92 52 2
Fax: +49 8231 97 82 68 9
Email: sales@ae-solar.com
Web: www.ae-solar.com