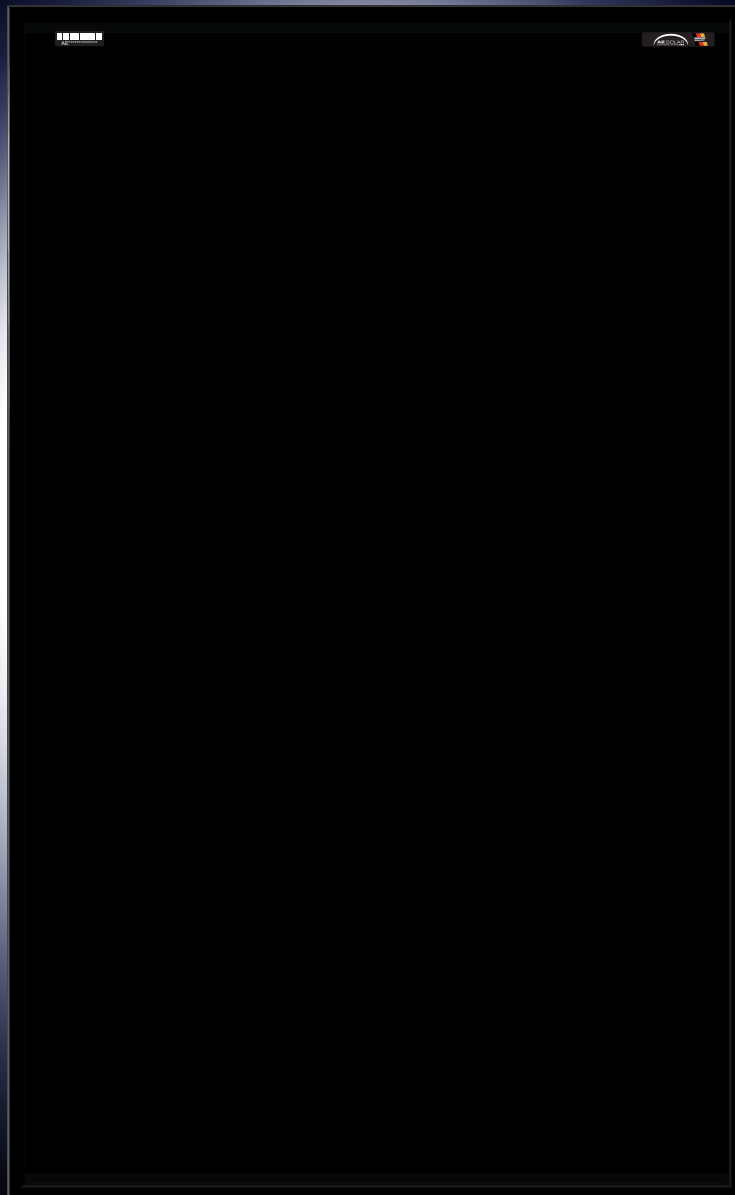




AE SMB-66E



ECLIPSE ^{380W-390W} PLUS
ULTRA BLACK series



TECHNICAL DATA

AE SMB-66E Series 380W - 390W

SPECIFICATIONS

		AE380SMB-66E	AE385SMB-66E	AE390SMB-66E
Nominal Max. Power	Pmax (Wp)	380	385	390
Maximum power voltage	Vmp(V)	40.6	40.8	40.8
Maximum power current	Imp (A)	9.36	9.44	9.56
Open-circuit voltage	Voc (V)	49.1	49.3	49.3
Short-circuit current	Isc (A)	9.93	9.98	10.03
Module efficiency	(%)	20.3	20.5	20.8
Power tolerance	Pmax (Wp)	0 / + 5		
Maximum system voltage DC	(V)	1500		
Maximum series fuse rating	(A)	20		
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)	43±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.

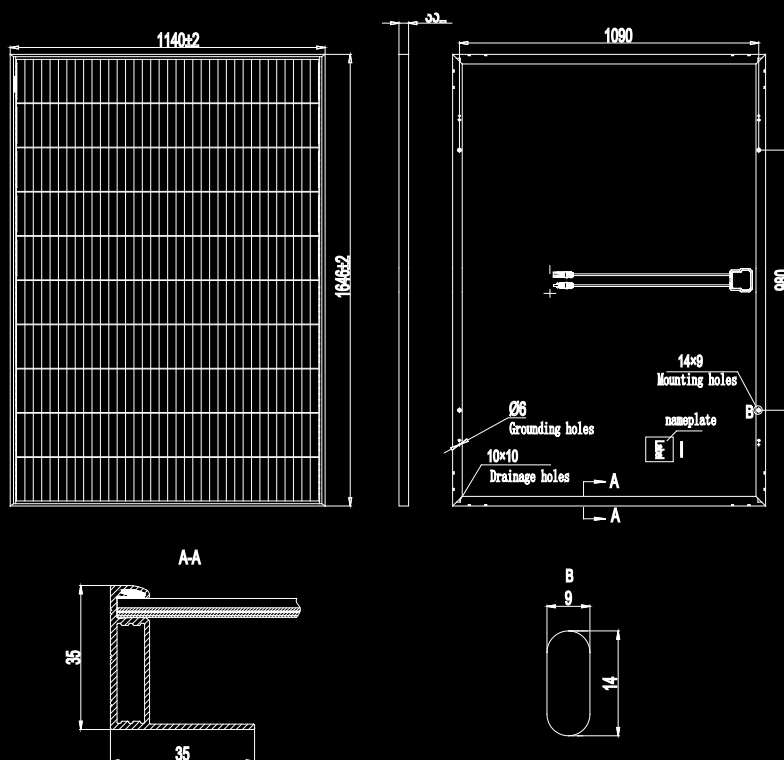
MATERIAL CHARACTERISTICS

Cell type	Mono-crystalline 158.75 x 158.75mm
No. of cells	66 cells
Dimensions	1646 X 1140 X 35
Weight	20.5 kg
Junction box	IP 68 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 28 mm, at 23 m/s
Wind load	2400 Pa / 244 kg/m ²
Mechanical load	5400 Pa / 550 kg/m ²

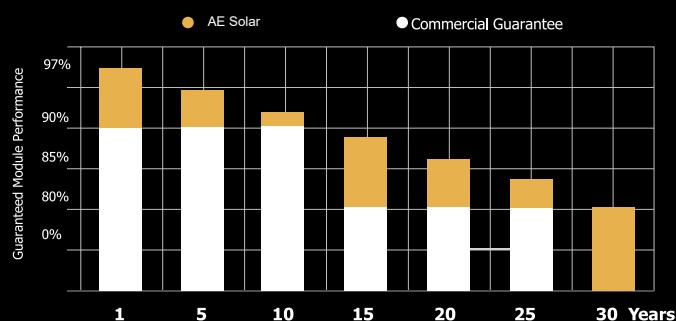
PACKAGING INFORMATION

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

DIMENSIONS



OUR PERFORMANCE GUARANTEE



AE-DSH2019 V.002
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