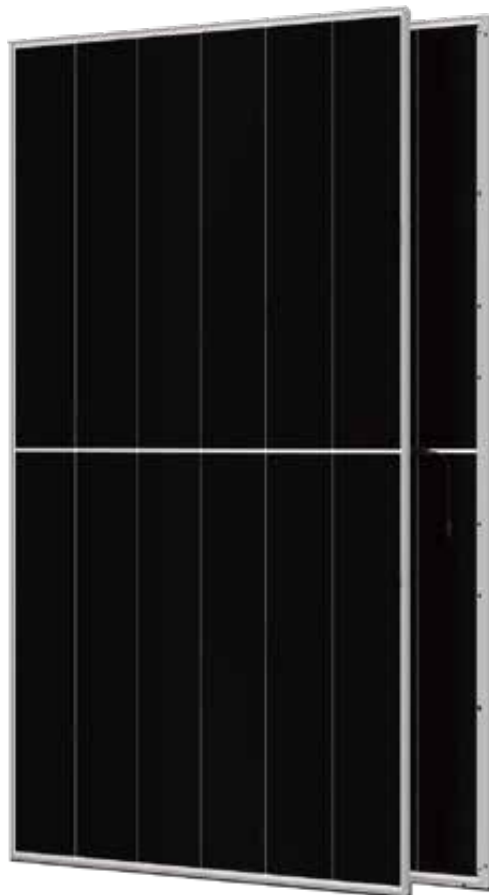


MAX680W

AOX-66G12R-BDHC 650W-680W

BC PV Module

All Back Contact Technology With Dual Glass



Partial Shading Power Generation Optimization



Superior Temperature Coefficient



High Temperature Suppression Technology



High Anti-Microcrack Performance



Higher Power Generation & Reduced BOS Costs

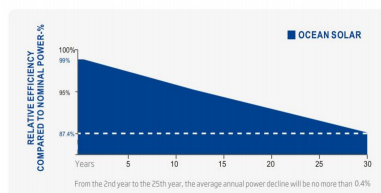


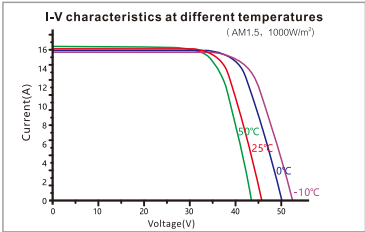
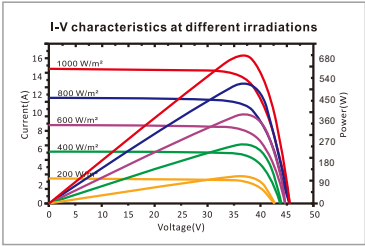
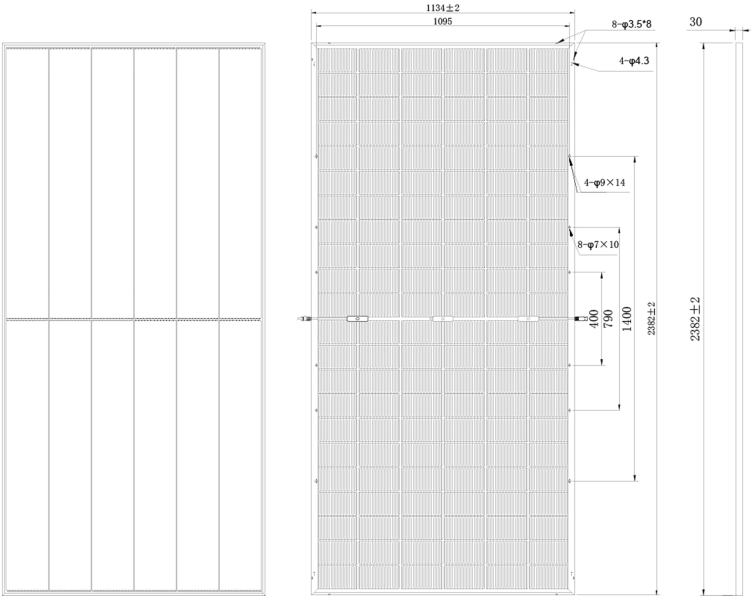
Premium Quality & Aesthetic Look

PRODUCT Warranty

12-year Warranty for Materials and Processing

30-year Warranty for Extra Linear Power Output





Electrical Characteristics STC:AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertainty for Pmax:±3%

Module Type	AOX-66G12R-BDHC650W			AOX-66G12R-BDHC655W			AOX-66G12R-BDHC660W			AOX-66G12R-BDHC665W			AOX-66G12R-BDHC670W			AOX-66G12R-BDHC675W			AOX-66G12R-BDHC680W		
Testing Condition	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI
Maximum Power(Pmax/W)	650W	495W	700W	655W	499W	705W	660W	503W	710W	665W	507W	715W	670W	511W	720W	675W	514W	725W	680W	518W	730W
Voltage at Maximum Power(Vmp/V)	40.68	38.98	40.75	40.80	39.08	40.85	40.90	39.18	40.92	41.00	39.27	41.02	41.11	39.37	41.13	41.21	39.46	41.23	41.32	39.56	41.34
Current at Maximum Power(Imp/A)	15.98	12.69	17.18	16.06	12.76	17.26	16.14	12.83	17.35	16.22	12.90	17.43	16.30	12.97	17.51	16.38	13.03	17.58	16.46	13.09	17.66
Open Circuit Voltage(Voc/V)	49.70	47.52	49.70	49.80	39.08	40.85	49.90	47.72	49.90	50.00	47.82	50.00	50.10	47.91	50.10	50.20	48.01	50.20	50.30	48.10	50.30
Short Circuit Current(Isc/A)	16.64	13.42	17.88	16.72	13.48	17.94	16.80	13.54	18.00	16.88	13.60	18.06	16.96	13.66	18.12	17.04	13.71	18.18	17.12	13.77	18.24
Module Efficiency(%)	24.10%			24.20%			24.40%			24.60%			24.80%			25.00%			25.20%		

Mechanical Parameters

Cell Type	OBC(Back Contact) Solar Module
No. of Cells	132(6*22)
Front Cover	Dual glass, 2.0 + 2.0mm coated semi-tempered glass
Encapsulation	EVA
Back Cover	Anodized aluminum
Junction Box	IP68, 3 bypass diodes
Frame	Anodized aluminum
Cable	4mm²(IEC) 12AWG(UL) +300mm, -300mm or Customized Length
Connectors	MC4 Compatible/MC4-EVO2A
Weight	32.5kg±3%
Dimension	2382*1134*30mm
Packaging	36pcs per pallet / 720pcs per 40'HC

Tip: The number of double-glass modules placed flatly cannot exceed 15 pieces.

Mechanical Loading

Snow Load	5400 Pa or 550 kg/m²
Wind Load	2400 Pa or 244 kg/m²
Hail Resistance	Max. Ø 25 mm at 23 m/s

Operating Parameters

Operational Temperature	-40~+85°C
Power Output Tolerance	0~5W
Voc and Isc Tolerance	±3%
Maximum System Voltage	1500VDC(IEC)
Maximum Series Fuse Rating	30A
Nominal Operational Cell Temperature	43±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C

Temperature Ratings(STC)

Temperature Coefficient of Isc	+0.05%/°C
Temperature Coefficient of Voc	-0.22%/°C
Temperature Coefficient of Pmax	-0.26%/°C

PRODUCT Certifications



Ocean Solar
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Web:www.oceansolarcn.com

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