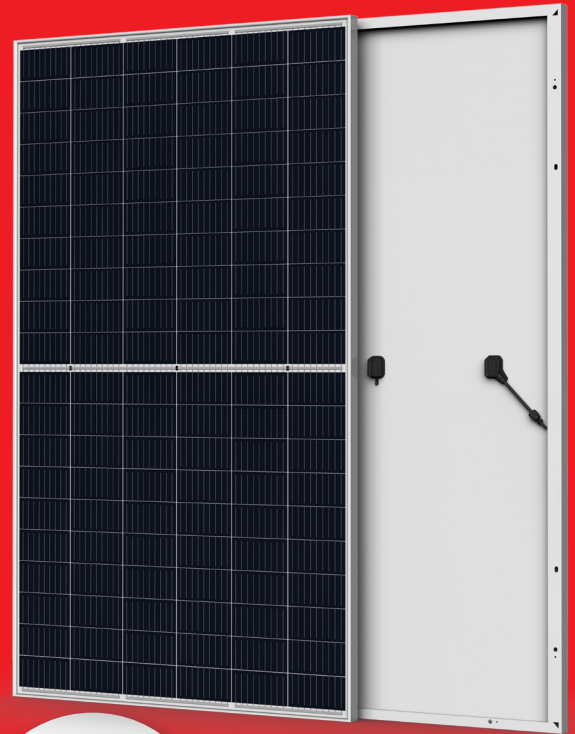
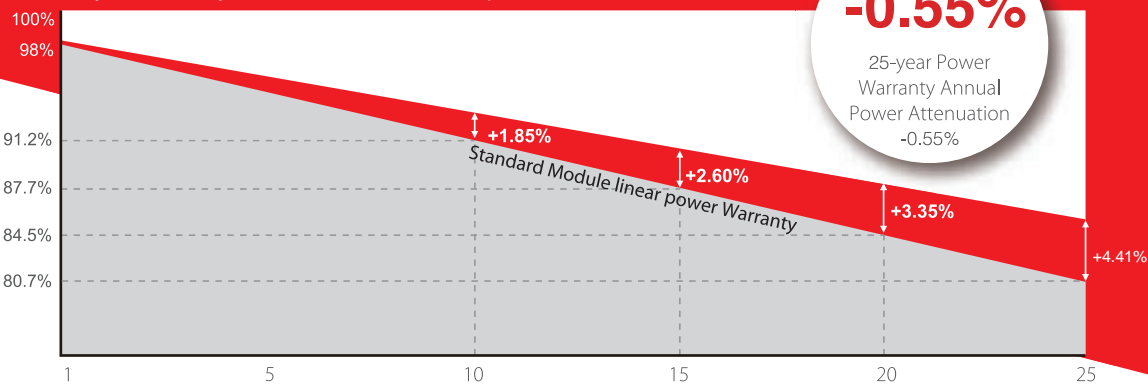


AOX-60MS

335~355W Mono Module
High Efficiency
Higher Output Power
Low LID Mono PERC
Lower Temperature Coefficient
With Half-cell Technology



12-year Warranty for Materials and Processing;
 25-year Warranty for Extra Linear Power Output



-0.55%

25-year Power
 Warranty Annual
 Power Attenuation
 -0.55%

Complete System and Product Certifications

IEC 61215, IEC 61730
 ISO 9001:2008
 ISO 14001:2004
 OHSAS 18001:2007



Positive power tolerance (0 ~ +5W) guaranteed

High module conversion efficiency

Slower power degradation enabled by Low LID Mono PERC technology: first year <2%, 0.55% year 2-25

Solid PID resistance ensured by solar cell process optimization and careful module BOM selection

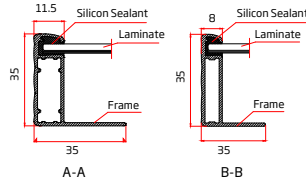
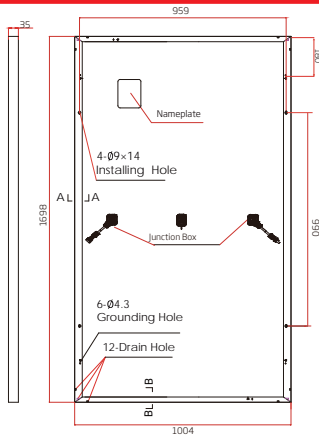
Reduced resistive loss with lower operating current

Higher energy yield with lower operating temperature

Reduced hot spot risk with optimized electrical design and lower operating current

AOX-60MS335~355W

Design (mm)



Mechanical Parameters

Cell Orientation: 120 (6*20)
 Junction Box: IP68, three diodes
 Output Cable: 4mm²
 length can be customized
 Glass: Single glass
 3.2mm coated tempered glass
 Frame: Anodized aluminum alloy frame
 Weight: 19.5KG
 Dimension: 1698*1004*35mm
 Packaging: 30pcs per pallet
 360pcs per 20'GP
 780pcs per 40'GP
 858pcs per 40'HC

Operating Parameters

Operational Temperature: -40°C ~ +85°C
 Power Output Tolerance: 0 ~ +5W
 Voc and Isc Tolerance: ±3%
 Maximum System Voltage: DC1500V (IEC/UL)
 Maximum Series Fuse Rating: 20A
 Nominal Operating Cell Temperature: 45±2°C
 Safety Class: Class II
 Fire Rating: UL type 1 or type 2

Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	AOX-60MS-335W		AOX-60MS-340W		AOX-60MS-345W		AOX-60MS-350W		AOX-60MS-355W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	335	252	340	255	345	259	350	262	355	266
Open Circuit Voltage (Voc/V)	40.5	34.8	40.7	35.0	40.9	35.2	41.1	35.4	41.3	40.5
Voltage at Maximum Power (Vmp/V)	32.8	31.0	33.0	31.2	33.2	31.4	33.4	31.6	33.6	31.8
Short Circuit Current (Isc/A)	10.79	8.59	10.88	8.63	10.97	8.34	11.07	8.75	11.16	8.83
Current at Maximum Power (Imp/A)	10.21	8.13	10.30	8.17	10.39	7.99	10.48	8.29	10.57	8.37
Module Efficiency(%)	19.7		20.0		20.3		20.6		20.9	

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5
 NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

Temperature Ratings (STC)

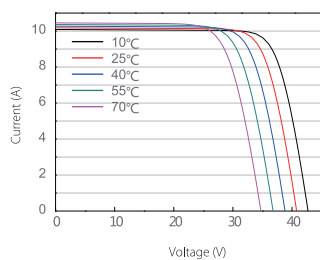
Temperature Coefficient of Isc: +0.057%/°C
 Temperature Coefficient of Voc: -0.286%/°C
 Temperature Coefficient of Pmax: -0.370%/°C

Mechanical Loading

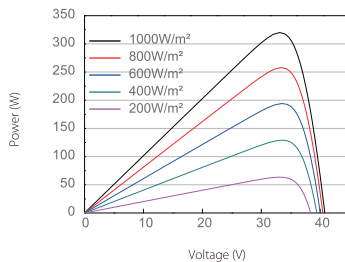
Front Side Maximum Static Loading: 5400Pa
 Rear Side Maximum Static Loading: 2400Pa
 Hailstone Test: 25mm Hailstone at the speed of 23m/s

I-V Curve

Current-Voltage Curve(AOX-60MS-345W)



Power-Voltage Curve(AOX-60MS-345W)



Current-Voltage Curve(AOX-60MS-345W)

