

ASH 250M-60 Black Series

High Module Conversion Efficiency

With our cutting-edge manufacturing technology, module conversion efficiency reaches up to 15.3%.

Output Stability

Keep stable output power despite of ambient temperature changes.

Multiple Performance Tests

Full output power tests, ELED tests and frame seal tests for each panel.

Warranty

10-year material and workmanship warranty
25-year module power output warranty:
10 years / 90%
25 years / 80%
(Based on nominal power)

Junction Box

IP65 rated junction box (approved by TUV and UL) improves module performance.

Delivery Inspection

Specific inspection report comes with Bill of Lading for the client.

Tracking Availability

Unique identity code for each panel makes tracking easy.

Certifications and standards

IEC 61215, IEC 61730, ISO, TÜV, conformity to CE





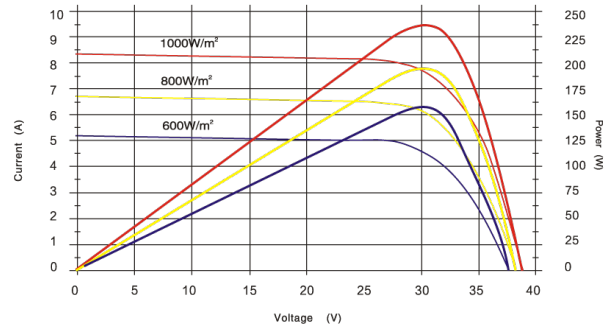
MONO SERIES

ELECTICAL CHARACTERISTICS

Maximum Power at STC	(Pmax)	250W
Optimum Operating Voltage	(Vmp)	30.70V
Optimum Operating Current	(Imp)	8.15A
Open Circuit Voltage	(Voc)	38.1V
Short Circuit Current	(Isc)	8.80A
Module Efficiency		15.3%
Operating Module Temperature		47 ± 2°C
Maximum System Voltage		1000V
Power tolerance		+3%

STC: irradiance 1000 W/m², module temperature 25 °C, AM=1.5;

CURRENT-VOLTAGE, POWER-VOLTAGE



MECHANICAL CHARACTERISTICS

Cell numbers	60 (6×10)
Dimensions	1650×992×45 mm
Weight	19.5kg
Frame	Anodized aluminum alloy
Junction box	IP65 rated

TEMPERATURE CHARACTERISTICS

Power temperature coefficient	- 0.45%/°C
Current temperature coefficient	0.035%/°C
Voltage temperature coefficient	- 0.34%/°C
Ambient temperature	-40~85°C for 200 cycles
Surface Maximum Load Capacity	5400 Pa

Normalized Isc, Voc, Pmax (%) / Cell temperature (°C)

