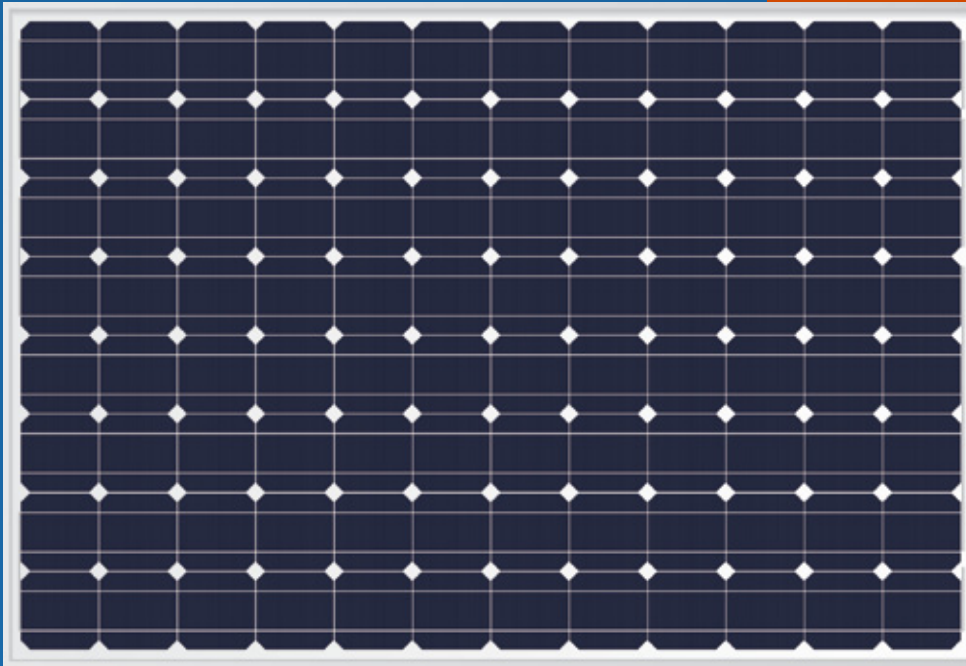


ZX250 M1575 x 1082



Characteristics:

- Excellent module conversion efficiency through superior technology.
- Strict quality control processes to ensure top quality panels.
- Robust anodised frame ensures a stable mechanical life.
- High transparency, low iron tempered glass increases output and mechanical strength.

Warranty/Quality Assurance

- 5 year product warranty
- 10 year warranty on 90% output
- 25 year warranty on 80% output
- ISO9001:2008 Certification

Recommended Applications

- Large scale solar farms
- * Commercial and residential on-grid systems
- * Commercial and residential off-grid systems

ZN Shine Monocrystalline modules are manufactured with vigorous quality control manufacturing processes to provide guaranteed quality, reliability and performance.

ZX250 M1575 x 1082



Electrical Characteristics

(The information on this page is for reference only)

Module Type		ZX250 (48) MS
Maximum Power at STC	W	250
Open-Circuit Voltage	V	60.68
Optimum Operating Voltage	V	48.5
Short-Circuit Current	A	5.56
Optimum Operating Current	A	5.15
Maximum System Voltage	V	1000
Power Tolerance	W	±3%
Module Efficiency	%	14.67
Test Condition	STC: AM = 1.5, 1000W/m ² , Cells Temperature 25°C	



Mechanical Characteristics

Item	Description
Cell Type	Mono-silicon
No. of Cells	96
Dimensions	1575mm x 1082mm x 45mm
Weight	22kg
Front	Tempered Glass
Rear	TPT
Frame	Anodised Aluminium Alloy
No. of Diodes	4
Bus Bars	2
Output Cable	4mm ² TUV Certified
Type of Connector	MC4
Encapsulation Materials	EVA



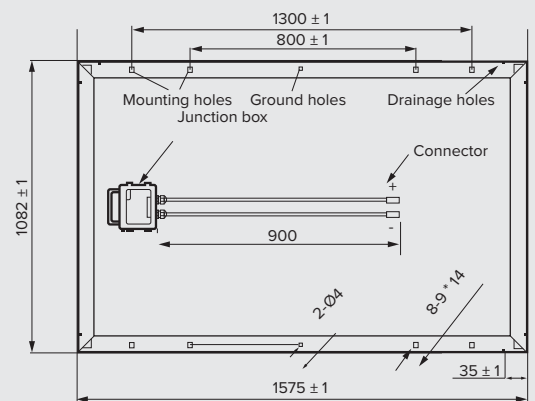
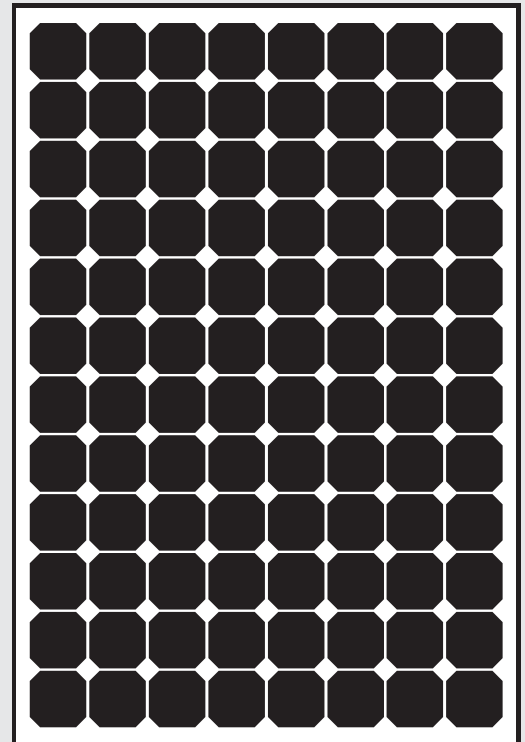
Temperature Characteristics

Item	Description
NOCT	47°C ± 2°C
Temperature Coefficient of Pmax	-0.4183 %/K
Temperature Coefficient of Voc	-0.2904 %/K
Temperature Coefficient of Isc	0.0241 %/K

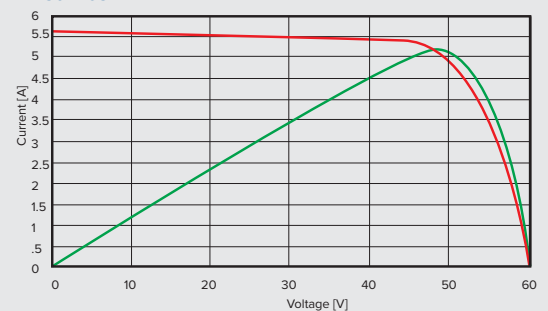


Package

Item	Description
No. of Modules per Box	44
Gross Weight(kg)	968
Boxes per Pallet	1



IV Curves



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