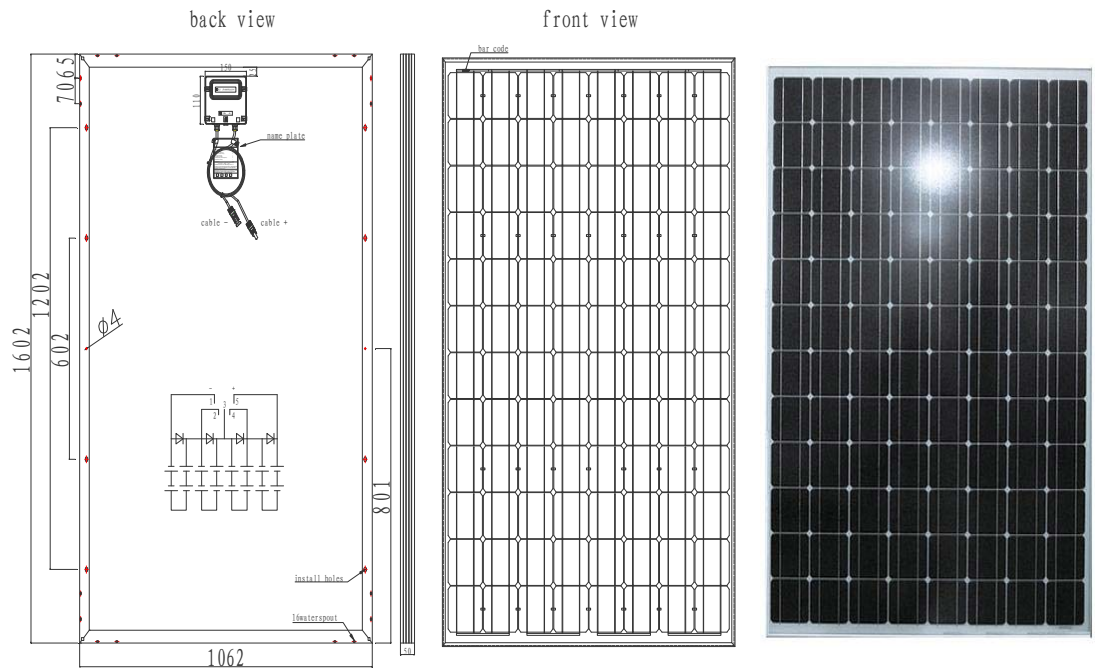


ALM250D-36

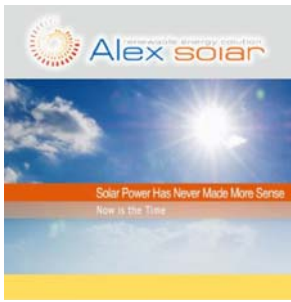
TYPICAL ELECTRICAL CHARACTERISTICS

Type	ALM-250D-36
Maximum power (Pmax)	250W
Power Tolerance	±3%
Open Circuit Voltage(Voc)	58.8V
Short Circuit Current (Isc)	5.68A
Maximum Power Voltage (Vmp)	47.35V
Maximum Power Current(Imp)	5.21A
Cell Efficiency	17.34%
Module Efficiency	14.69%
Max. System Voltage	1000VDC
Cell Size and Series	5" (125mm)*5" (125mm) mono 96pcs(8*12)
Bypass Diodes	4pcs 10A
Temperature Coefficients of Pmax	-0.431%/°C
Temperature Coefficients of Voc	-0.375%/°C
Temperature Coefficients of Isc	+0.055%/°C
NOTC- Nominal Operating Cell Temperature	47°C (+-2)
STC Condition	Irradiance level 1,000W/m ² , Spectrum AM 1.5, and Cell Temperature 25°C

DIMENSIONS



Dimension	1602*1062*50mm
Installation Hole	1202mm
Cable Length	900mm

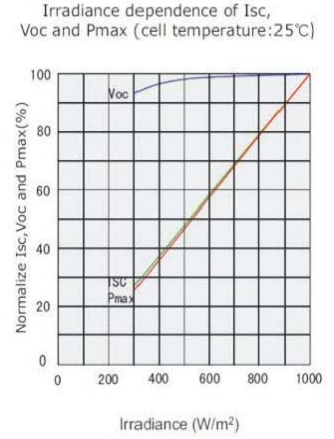
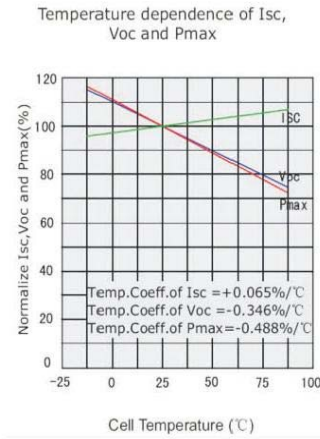
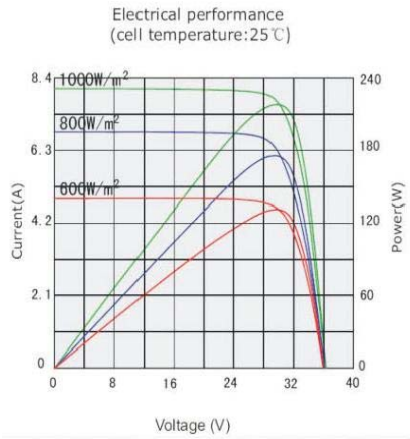


renewable energy solution
Alex solar

Monocrystalline Solar Modules

ALM250D-36

TYPICAL ELECTRICAL CHARACTERISTICS



MECHANICAL CHARACTERISTICS

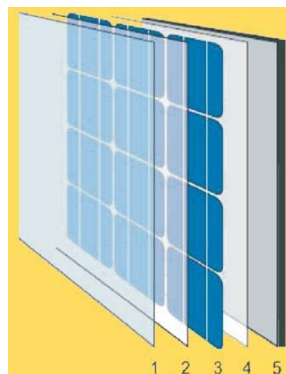
Surface Maximum Load Capacity	2,400Pa
Allowable Hail Load	227g steel ball fall down from 1m height
Glass type	High Transmits. Low Iron. Tempered Glass Thickness 3.2mm
Frame	Aluminium-alloy
Dimensions (mm)	1602mm(L)×1062mm(W)×50mm(H)
Weight(kg)	20 kgs

PACKAGE INFORMATION

Carton	2pcs/ctn
Pallet	40pcs/plt
20'GP	6plts (240pcs)
40'GP	14plts (560pcs)

ABSOLUTE RATINGS

Dielectric Insulation Voltage	3000VDC max
Operating Temperature	-40 ~ +85 °C
Storage Temperature	-40 ~ +85 °C



- 1 Tempered Glass
- 2 EVA
- 3 Solar Cell
- 4 EVA
- 5 Triple-layer back sheet