ASREP INTERNATIONAL S.R.L.

Premium *Series*

AI MODULE POLYCRYSTALLINE

AINY-230P60	230Wp
AINY-235P60	235Wp
AINY-240P60	240Wp
AINY-245P60	245Wp
AINY-250P60	250Wp

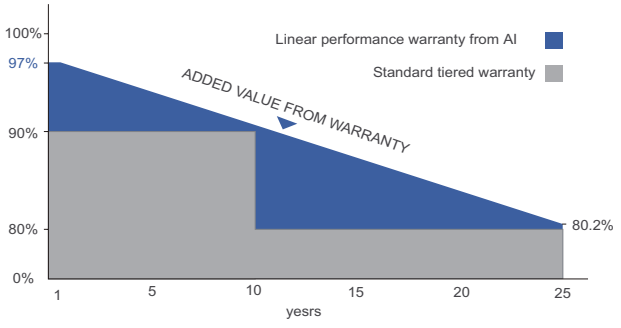
Features

- Cost-effective standard solar modules for skylight, roofing and facades applications
- 0 to +3W positive tolerance for mainstream products
- Withstand high wind loads and snow loads (5400Pa)
- Anti-reflective highly transparent, low iron tempered glass
- Whole black and frame features aesthetic appearance
- Transmission rate 3.18%

Benefits

- 25-year linear performance warranty;

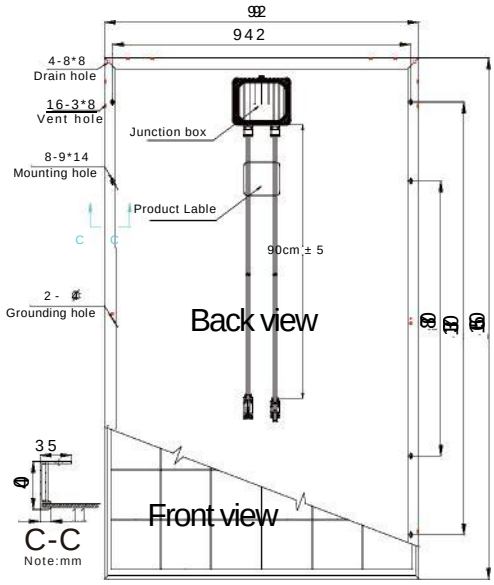
  10-year warranty on materials and workmanship
- Product liability insurance
- 48 hour-response service
- Enhanced design for easy installation and long-term reliability



Typical electrical characteristics

Characteristics	AINY-230P60	AINY-235P60	AINY-240P60	AINY-245P60	AINY-250P60
Max.Power(Pmax)	230Wp	235Wp	240Wp	245Wp	250Wp
Optimum Operating Voltage(Vm)	29.28V	29.78V	30.20V	30.25V	30.76V
Optimum Operating Current(Im)	7.87A	7.90A	7.96A	8.10A	8.13A
Open-circuit Voltage(Voc)	37.20V	37.45V	37.70V	37.73V	37.75V
Short-circuit Current(Isc)	8.29A	8.35A	8.38A	8.55A	8.55A
Cell Efficiency	15.8%	16.1%	16.4%	16.80%	17.10%

Note: the specifications are obtained under the Standard Test Condition(STC):1000 W/m^2 solar irradiance, AM1.5, Cell Temperature 25 C .



Solar Cell	Poly-crystalline 156*156mm
Output Tolerance(Pmax)	0 — +3%
Number of cells	60 cells in series
Module Dimension	1650*992*40mm
Weight	19.5kg
Max.System Voltage	1000V(TUV)/600V(UL)
Max.Series Fuse Rating	15A
Output Cable	PV 4mm2
Cable Length	90cm±5
Number of bypass diodes	6
Temperature cycling range	(-40 — 85C)
NOCT	47C ±2C
Temperature coefficients of Isc	+(0.053±0.01)%/K
Temperature coefficients of Voc	-(0.35±0.001)%/K
Temperature coefficients of Pmax	-(0.40±0.05)%/K
Load Capacity	285 pcs/20'GP
	756 pcs/40'HQ