



Premium Series

SUNTELLITE MODULE POLYCRYSTALLINE

ZDNY-215P54	215Wp
ZDNY-220P54	220Wp
ZDNY-225P54	225Wp
ZDNY-230P54	230Wp



ZDNY-***P54 All black series as optional

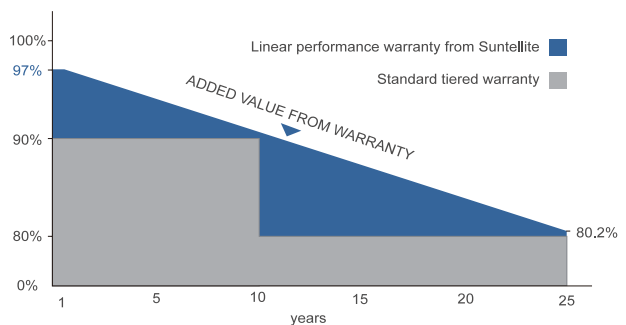
Features

- Cost-effective standard solar modules for skylight, roofing and facades applications
- 0 to +3% 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

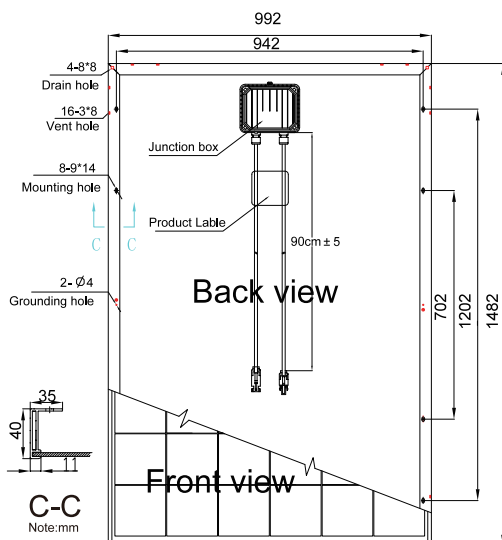
- 25-year linear performance warranty;
- 10-year warranty on materials and workmanship
- Product liability insurance
- 48 hour-response service
- Enhanced design for easy installation and long-term reliability



Typical electrical characteristics

Characteristics	ZDNY-215P54	ZDNY-220P54	ZDNY-225P54	ZDNY-230P54
Max.Power(Pmax)	215Wp	220Wp	225Wp	230Wp
Optimum Operating Voltage(Vm)	26.80V	27.10V	27.71V	28.33V
Optimum Operating Current(I _m)	8.03A	8.12A	8.12A	8.12A
Open-circuit Voltage(Voc)	33.86V	34.06V	34.52V	35.06V
Short-circuit Current(Isc)	8.44A	8.48A	8.52A	8.52A
Cell Efficiency	16.40%	16.70%	17.10%	17.50%
Module Efficiency	14.62%	14.96%	15.30%	15.64%

Note: the specifications are obtained under the Standard Test Condition(STC):1000 W/m² solar irradiance, AM1.5, Cell Temperature 25 °C .



Solar Cell	Mono-crystalline 156*156mm
Output Tolerance(Pmax)	0 ~ +3%
Number of cells	54 cells in series
Module Dimension	1482*992*40mm
Weight	17.5kg
Max.System Voltage	1000V(TUV)/600V(UL)
Max.Series Fuse Rating	15A
Output Cable	PV 4mm ²
Cable Length	90cm±5
Number of bypass diodes	3/6
Temperature cycling range	(-40 ~ 85°C)
NOCT	47°C ±2°C
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	315 pcs/20'GP
	810 pcs/40'HQ

