



Premium Series

SUNTELLITE MODULE MONOCRYSTALLINE

- ZDNY-195C 195Wp
- ZDNY-200C 200Wp
- ZDNY-205C 205Wp



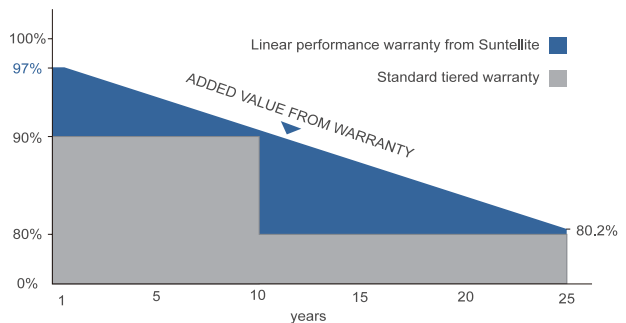
ZDNY-***C All black series as optional

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

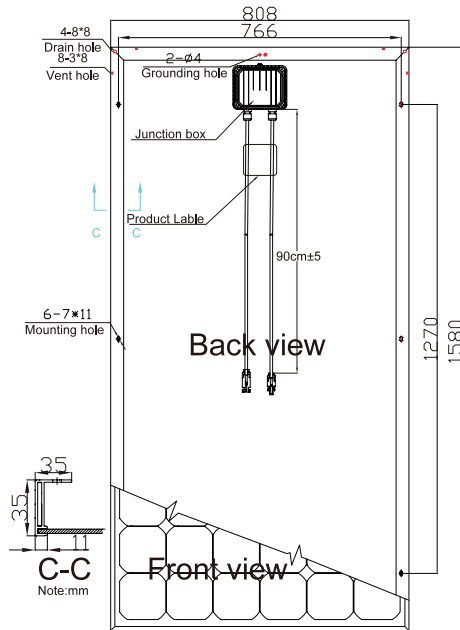
- 25-year linear performance warranty;
- 10-year warranty on materials and workmanship
- Product liability insurance
- 48 hour-response service
- Enhanced design for easy installation and long-term reliability



Typical electrical characteristics

Characteristics	ZDNY-195C	ZDNY-200C	ZDNY-205C
Max.Power(Pmax)	195Wp	200Wp	205Wp
Optimum Operating Voltage(Vm)	36.94V	36.95V	36.97V
Optimum Operating Current(I _m)	5.28A	5.42A	5.55A
Open-circuit Voltage(Voc)	44.88V	44.95V	45.03V
Short-circuit Current(I _{sc})	5.50A	5.65A	5.73A
Cell Efficiency	17.50%	17.90%	18.40%
Module Efficiency	15.27%	15.67%	15.98%

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 125*125mm
Output Tolerance(Pmax)	0 ~ +3%
Number of cells	72 cells in series
Module Dimension	1580*808*35mm
Weight	15.0kg
Max.System Voltage	1000V(TUV)/600V(UL)
Max.Series Fuse Rating	16A
Output Cable	PV 4mm ²
Cable Length	90cm±5
Number of bypass diodes	3
Temperature cycling range	(-40 ~ 85°C)
NOCT	47°C ±2°C
Temperature coefficients of I_{sc}	+(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	424 pcs/20'GP
	896 pcs/40'HQ

