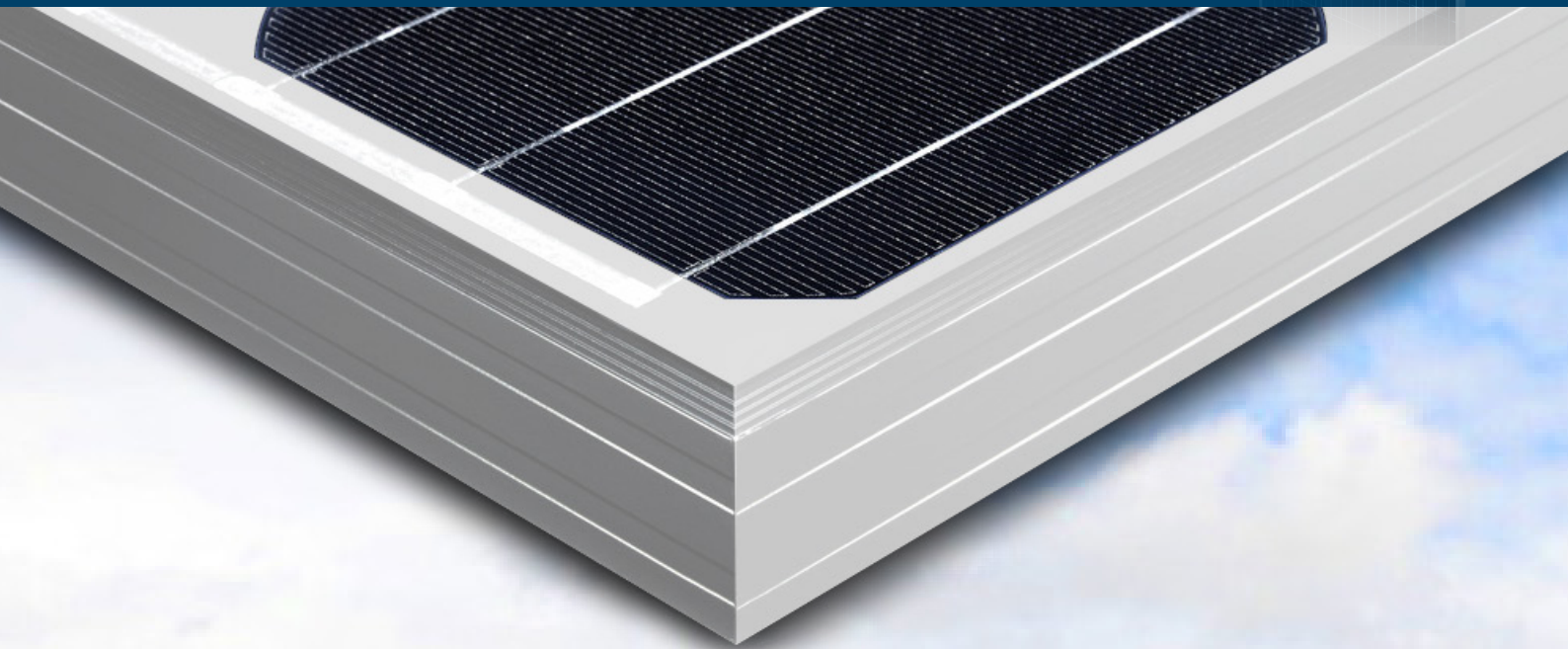


Zeus Appollo™ PV Modules Monocrystalline



- ⚡ **High cell efficiency**
Superior cell technology and leading manufacturing capability, high economic benefits for customers
- ⚡ **Positive output tolerance**
Guaranteed positive tolerance of up to 3% delivers higher outputs, ensuring a greater return on your investment
- ⚡ **Infrared and EL tested**
Passed Electroluminescence inspection, detecting cracks and other imperfections unseen by the naked eye
- ⚡ **Bypass diodes**
Minimize the power drop caused by shade, increase tolerance to shade and maximize output
- ⚡ **Anti-reflective Glass**
Higher module efficiency from anti-reflective, hydrophobic layer with higher light absorption and minimal surface dust
- ⚡ **CEC Approved, Fire Rated and Tested & TUV European approved**
Rigorous quality control meeting the highest international standards
- ⚡ **Near Linear Performance Warranty for 25 years**
No less than 97% of nominal output power in the first year, no more than 0.7% annual declination based on nominal output power after the second year, 25-year warranty at 80.2% of nominal output power
- ⚡ **Local stock & local support**
Quick response, service and no fuss warranty replacement



www.zeusappollo.com

Manufactured in China and imported by:
Beijing Hua Xin Liu He Investment (Australia) Pty Ltd
WA Office: 789 Wellington Street, West Perth WA 6005
Tel: +61-8-6311 9906
QLD Office: 32 Crockford Street, Banyo QLD 4014
Tel: +61-7-3123 6148, Fax: +61-7-3266 4758

MONOCRYSTALLINE SOLAR MODULE

ZA1ZDNY300W



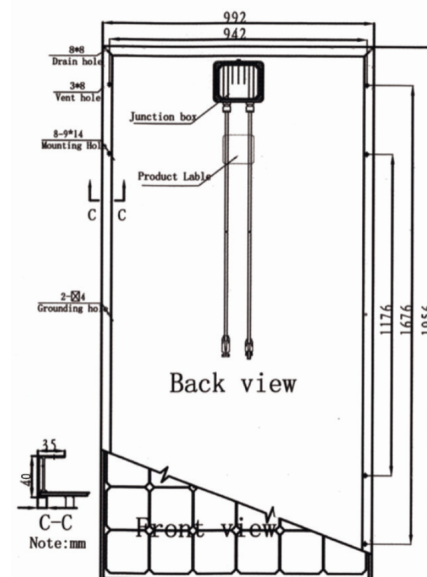
Typical electrical characteristics

Characteristics	ZA1ZDNY- 300C72	ZA1ZDNY-300CB72*
Max. Power (PMax)	300W	
Optimum Operating Voltage(Vm)	36.10V	
Optimum Operating Current(I _m)	8.31A	
Open-circuit Voltage (Voc)	45.02V	
Short-circuit Current (Isc)	8.75A	
Cell Efficiency	17.44%	

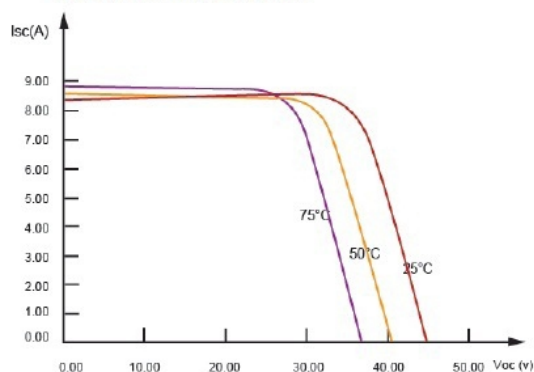
The specifications are obtained under the Standard Test Condition (STC):
1000W/m² solar irradiance, AM1.5, Cell Temperature 25°C.

*Black Frame.

Solar Cell	Mono-crystalline 156x156 mm
Output Tolerance (PMax)	0~+3%
Number of Cells	72 cells in series
Module Dimension	1956x992x40mm
Weight	23kg
Max. System Voltage	1500V(TUV)
Max. Series Fuse Rating	15A
Output Cable / Connector Type	PV 4mm ² / PV-GZX
Cable Length	90cm±5
Number of bypass diodes	3
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



I-V Curves of PV module ZA1ZDNY-300C72/CB72 at various cell temperatures



I-V Curves of PV module ZA1ZDNY-300C72/CB72 at various solar irradiance

