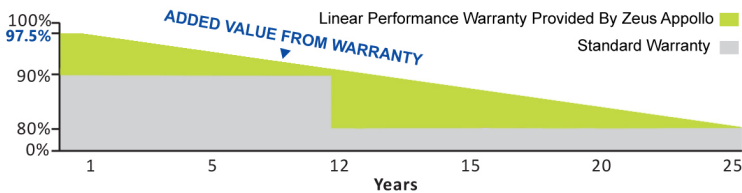


# Zeus Appollo™

## Z20 Series Polycrystalline PV Modules

- High Quality Tier 1 OEM and “Grade A” Module**  
The production of these high quality Polycrystalline modules is fully automated with 100% quality control and product traceability
- Positive Output Tolerance**  
Guaranteed positive tolerance of 0~5W 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
- Three Bypass Diodes**  
Minimizes the power drop caused by shade, by increasing the tolerance to shade in order to maximize the total output
- Anti-Reflective Glass**  
Higher module efficiency from anti-reflective, hydrophobic layer with higher light absorption and minimal surface dust
- High Performance**  
Zeus Appollo modules perform exceptionally under higher temperatures and low irradiance conditions
- CEC Approved, Fire Rated and Tested & TUV European Approved**  
Rigorous quality control, meeting the highest international standards
- Local Australian Stock & Local Australian Support**  
Fast response, fast service and no fuss warranty replacement
- Linear Performance Warranty for 25 years & 12 Year Product Warranty**  
At the end of the warranty period, the guaranteed module power output will be at least 80% of the rated power output specified on the original product label



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# POLYCRYSTALLINE MODULE Z20 SERIES



## Typical Electrical Characteristics

Item	Module	Z20P245C	Z20P250C	Z20P255C	Z20P260C
Open Circuit Voltage (Voc)		37.45 V	37.76V	38.07 V	38.38 V
Maximum Operating Voltage (Vmp)		29.85 V	30.13 V	30.40 V	30.67V
Short Circuit Current (Isc)		8.73 A	8.81A	8.89 A	8.97 A
Maximum Operating Current (Imp)		8.21 A	8.30 A	8.39 A	8.48 A
Maximum Power in STC (Pmax)		245 Wp	250 Wp	255 Wp	260 Wp
Module Efficiency		15.06%	15.37%	15.67%	15.98%
Operating Temperature		-40°C~85°C			
Max. Fuse Current Rating		15A			
Maximum System Voltage		1000 VDC(IEC) / 600 VDC (UL)			
Power Tolerance		0~5W			
Application Classes		Class A			

STC: IRRADIANCE 1000W/m<sup>2</sup>, Module Temperature 25°C, AM=1.5 Ave. efficiency reduction of 4.5% at 200W/m<sup>2</sup>

### Mechanical Specifications

Cell	Polycrystalline Silicon solar cells
	156mm * 156 mm
No. of Cells	60
Dimension of Module	1640 mm * 992 mm * 40 mm
Weight	18.9kg
Front Glass	3.2 mm tempered glass with AR Coating
Frame	Anodized aluminum alloy
Junction Box	IP65
Plug Connector	IP67
Bypass-Diodes	3
Type of Connector	Amphenol Helios H4 (may vary)
Cable Section Area	4mm <sup>2</sup>
Cable Length	2 * 1000 mm

### Temperature Coefficients

Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C
Short-Circuit Current Temperature Coefficient	0.059%/°C
Open-Circuit Voltage Temperature Coefficient	-0,32%/°C
Peak Power Temperature Coefficient	-0,43%/°C

### Package Information

Pcs / Pallet	26
Pallet / Container	28
Pcs / Container	728

