

Electrical Characteristics

Module Type	ANSRP72315	ANSRP72320	ANSRP72325	ANSRP72330
Maximum Power-Pmax (W)	315	320	325	330
Maximum Power Voltage-Vmp (V)	38.0	38.2	38.4	38.6
Maximum Power Current-Imp (A)	8.29	8.38	8.46	8.55
Open Circuit Voltage-Voc (V)	46.6	46.8	47.0	47.2
Short Circuit Current-Isc (A)	8.67	8.77	8.87	8.96
Module Efficiency- η_m (%)	16.2	16.5	16.8	17.0
Power Tolerance (W)	0/+5			
Maximum System Voltage (V_{DC})	1000			
Maximum Series Fuse Rating (A)	15			
Operating Temperature ($^{\circ}C$)	-40~+85			
Pmax Temperature Coefficient ($\%/^{\circ}C$)	-0.40			
Voc Temperature Coefficient ($\%/^{\circ}C$)	-0.31			
Isc Temperature Coefficient ($\%/^{\circ}C$)	0.05			
Nominal Operating Cell Temperature ($^{\circ}C$)	44 \pm 2			

STC: Irradiance 1000 W/m² module temperature 25 $^{\circ}C$ AM=1.5, Power measurement tolerance: +/-3%

Mechanical Specifications

External Dimension	1960×992×40 mm
Weight	22.0Kg
Solar Cell	Poly 156.75x156.75 mm (72pcs)
Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68
Output Cable	4.0 mm ² , cable length:1200 mm
Connector	MC4 Compatible
Maximum Snow Load	5400 Pa or 550 Kg/mm ²
Maximum Wind Load	2400 Pa or 244 Kg/mm ²
Hail Resistance	Max. \varnothing 28 mm, at 23 m/s

Packing Configuration

Container	20'GP	40'HQ
Pieces per Pallet	27	27
Pallets per Container	5	24
Pieces per Container	135	648

Linear Warranty

No more than 2.5% peak power degradation in 1st year;
 No more than 0.7% peak power degradation in coming 24 years;
 Free from defects of materials and workmanship for 12 years.

Technical drawing

