

Electrical Characteristics

Module Type	ANSRP60265	ANSRP60270	ANSRP60275	ANSRP60280
Maximum Power-Pmax (W)	265	270	275	280
Maximum Power Voltage-Vmp (V)	30.2	30.4	30.6	30.8
Maximum Power Current-Imp (A)	8.77	8.88	8.99	9.10
Open Circuit Voltage-Voc (V)	37.4	37.6	37.8	38.0
Short Circuit Current-Isc (A)	9.08	9.21	9.33	9.45
Module Efficiency- η_m (%)	16.3	16.6	16.9	17.2
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	1650×992×35 mm
Weight	18.0Kg
Solar Cell	Poly 156.75x156.75 mm (60pcs)
Glass	3.2 mm tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68
Output Cable	4.0 mm ² , cable length:900 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	30	30
Pallets per Container	6	28
Pieces per Container	180	840

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

