



ITEM NO	PVP-W1 190Wp	PVP-W1 210Wp	PVP-W1 220Wp
MONO or POLY	Poly	Poly	Poly
Maximum power (Wp)	190wp	210wp	220wp
Maximum power voltage (V)	28.40	29.5	29.0
Maximum power current (A)	6.70	7.12	7.57
Open circuit voltage (V)	35.60	35.4	36.4
Short circuit current (A)	8.06	7.98	8.19
Number of cells (Pcs)	60		
Size of module (mm)	1643 × 987 × 50/40mm		
Size of Solar Cells (mm)	156 × 156mm		
Maximum system voltage (V)	1000		
Temperature coefficients of Isc (%)	+ 0.05/ °C		
Temperature coefficients of Voc (%)	-0.34/ °C		
Temperature coefficients of Pm (%)	-0.3/ °C		
Temperature coefficients of Im (%)	+0.05/ °C		
Temperature coefficients of Vm (%)	-0.34/ °C		
Temperature Range	-40°C ~ +80°C		
Tolerance Wattage	+/-5%		
Surface Maximum Load Capacity	60m/s(200kg/sq.m)		
Impact Resistance Hail Load	227g steel ball fall down from 1m height		
Weight per piece (kg)	16.3		
Junction Box Type	PV-RH0301(TUV)		
Connectors and Cables Type	PV cable, plug and socket		
Length of Cables (mm)	800mm		
Cell Efficiency (%)	> 13.0%		
Module Efficiency (%)	> 13.0%		
Output tolerance (%)	+/-5%		
Frame (Material, Corners, etc.)	Aluminum		
Standard Test Conditions)	AM1.5 100mW/cm2 25°C		
Certification	TUV,IEC,CE,ISO		
FF (%)	≥72%		
Warranty	2 years product warranty and 25years 80% of power		