



Maximum Power(Pmpp)	Wp	36	38	40
Current at P max (Impp)	A	0.82	0.85	0.85
Max. Power Voltage (Vmpp)	V	44	45	46
Open Circuit Voltage(VOC)	V	59	60	61
Short Circuit Current(ISC)	A	1	1	1
Temperature Coefficient of Cells				
Short Circuit Voltage(ISC)			+0.09	
Open Circuit Voltage(VOC)	%/°C		-0.28	
Max.Power(Pmpp)	%/°C		-0.19	
Panel Efficiency	%	4.6	4.8	5.1
Max.System Voltage	V		600	
Size	mm	1245X635X7mmmm		
Weight	kg	ApproX.14.7		
Frame		Type 6063 Al alloy Frame		
Type of Solar Cells		a-si double junction		
Number of Diodes		1		
Junction Box		IP 65		

- ▶ Tolerance on peak power($\pm 5\%$)
- ▶ Measurements made under the standard test conditions(STC):
 - Irradiance of 1 kw/m²
 - Spectrum of AM1.5
 - Module temperature of 25°C

Limited Warranty

- ▶ 20 years output warranty for 80% of performance
- ▶ Free from defects in materials and workmanship for 2 years

Quality characteristics

- ▶ Cells are laminated between two layers of glass for stability and protection against environmental influences.
- ▶ Junction box contains: positive terminal, negative terminal and a bypass diode.
- ▶ Hot-spot effects are prevented by bypass diodes. This diode is also used for preventing the module's failure if it is partially shaded.