

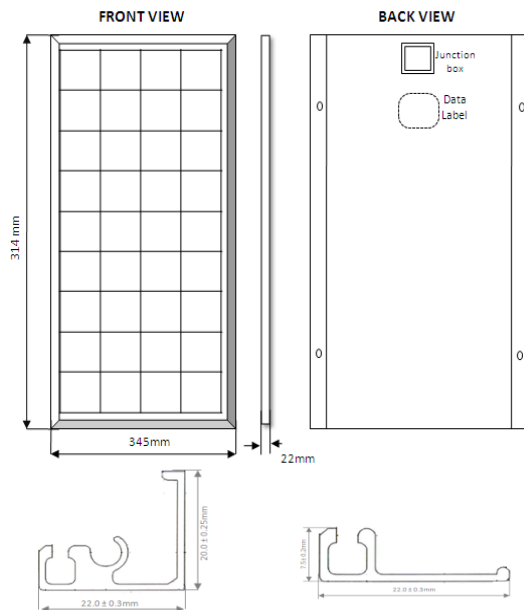
## DATA SHEET FOR XL6P36G010 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

### ELECTRICAL CHARACTERISTICS

Maximum Power at STC (Pmax)	10 Wp (-0%,+3%)
Open-Circuit Voltage (Voc)	21.58
Voltage at maximum power (Vmp)	17.00
Short-Circuit Current (Isc)	0.66
Current at maximum power (Imp)	0.59
Max Module efficiency	> 9
Operating Temperature	-40° C to + 85° C
Maximum System Voltage	1000 V DC
Maximum Series Fuse Rating	5 A

STC: Irradiance 1000W/m<sup>2</sup>, Module temperature 25° C, AM 1.5

### PHYSICAL SPECIFICATIONS



### MECHANICAL DIMENSIONS

Solar Cell	Poly-Crystalline 26 x 78 mm
Cells per Module	36 (4 x 9)
Dimensions	314 mm x 345 mm x 22 mm
Weight	1.58 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminium Frame

### TEMPERATURE COEFFICIENTS

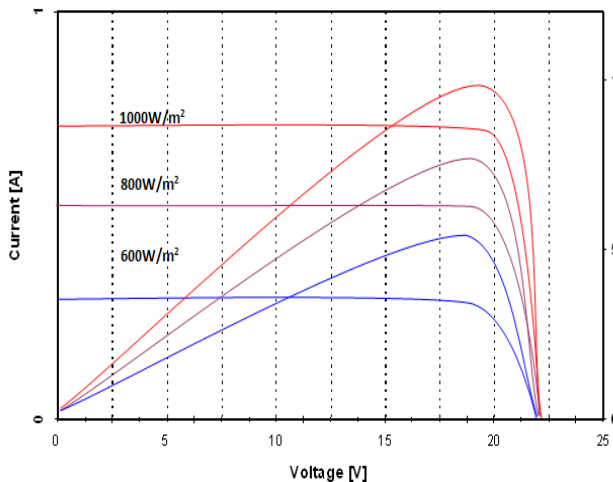
Nominal Operating Cell Temperature (NOCT)	45 2° C
Temperature Coefficient of Pmax	-0.43%/° C
Temperature Coefficient of Voc	-0.36%/° C
Temperature Coefficient of Isc	0.056 %/° C

### WARRANTY

3 Years Warranty on Material and Workmanship

15 Years Warranty on Power Output. 90% of the rated power is guaranteed for a period of 7 years and 80% of the rated power is guaranteed over a period of 15 years.

### CURRENT-VOLTAGE CHARACTERISTICS OF PHOTOVOLTAIC MODULE XL6P36G010AT VARIOUS IRRADIANCE LEVELS



### TEMPERATURE DEPENDENCE OF Isc, Voc, Pmax

