XL ENERGY LIMITED

The Silent Performer

DATA SHEET FOR XL6P36G020 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

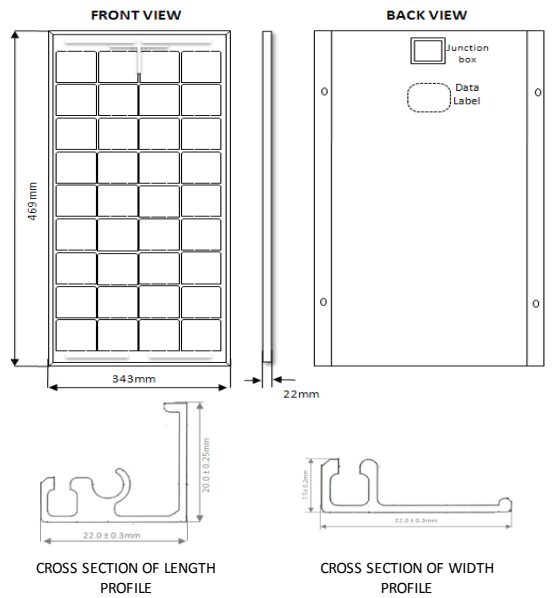
Maximum Power at STC (Pmax)	20 Wp (-0%,+3%)
Open-Circuit Voltage(Voc)	21.59
Voltage at maximum power (Vmp)	17.04
Short-Circuit Current (Isc)	1.32
Current at maximum power (Imp)	1.18
Max Module efficiency	12.5
Operating Temperature	-40^0 C to + 85^0 C
Maximum System Voltage	1000 V DC

STC: Irradiance 1000W/m^2, Module temperature 25^0 C, AM 1.5

MECHANICAL DIMENSIONS

Solar Cell	Poly-Crystalline 45 x 78 mm
Cells per Module	36 (4 x 9)
Dimensions	469 mm x 343mm x 22 mm
Weight	1.90 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminum Frame (L & F)

PHYSICAL SPECIFICATIONS



CROSS SECTION OF LENGTH PROFILE

CROSS SECTION OF WIDTH PROFILE

TEMPERATURE COEFFICIENTS

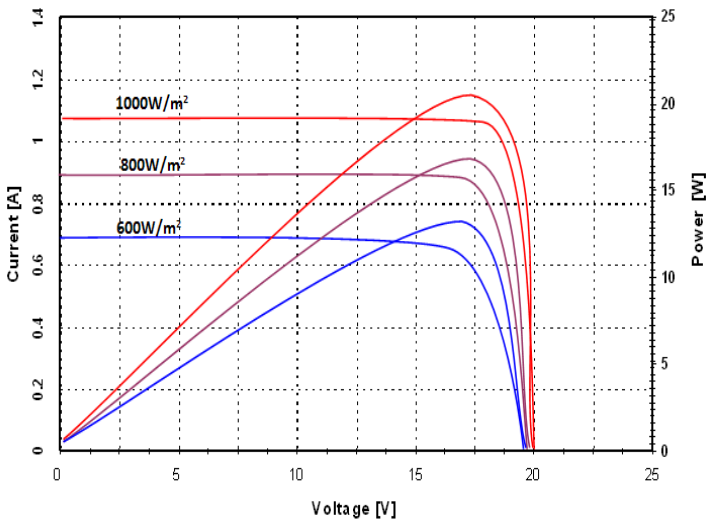
Nominal Operating Cell Temperature (NOCT)	45 2^0 C
Temperature Coefficient of Pmax	-0.43%/^{0} C
Temperature Coefficient of Voc	-0.36 %/^{0} C
Temperature Coefficient of Isc	0.056 %/^{0} C

WARRANTY

3 Years Warranty on Material and Workmanship

15Years 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 XL6P36G020 AT VARIOUS IRRADIANCE LEVELS



TEMPERATURE DEPENDENCE OF Isc, Voc, Pmax