

DATA SHEET FOR XL6P36G030 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

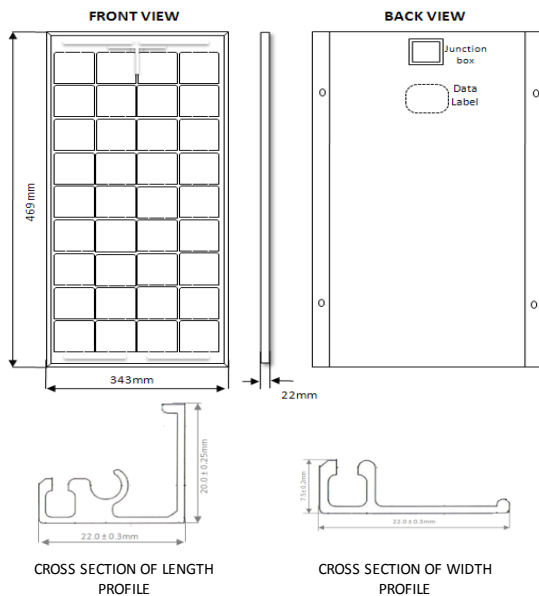
Maximum Power at STC (Pmax)	30 Wp (-0%,+3%)
Open-Circuit Voltage(Voc)	21.60
Voltage at maximum power (Vmp)	17.11
Short-Circuit Current (Isc)	1.98
Current at maximum power (Imp)	1.77
Max Module efficiency	12
Operating Temperature	-40° C to +85° C
Maximum System Voltage	1000 V DC

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	2.2Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminum Frame (L & F)

STC: Irradiance 1000W/m², Module temperature 25° C, AM 1.5

PHYSICAL SPECIFICATIONS



TEMPERATURE COEFFICIENTS

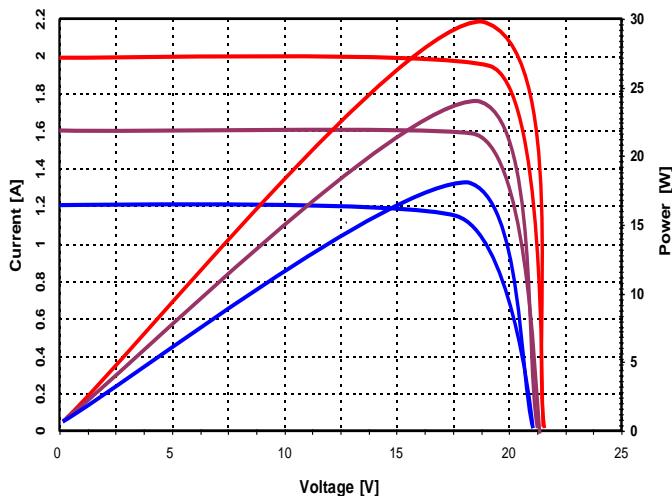
Nominal Operating Cell Temperature (NOCT)	45 2° C
Temperature Coefficient of Pmax	-0.43%/° C
Temperature Coefficient of Voc	-0.36%/° C
Temperature Coefficient of Isc	0.056 %/° C

WARRANTY

3 Years Warranty on Material and Workmanship

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

