

DATA SHEET FOR XL6P36G060 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

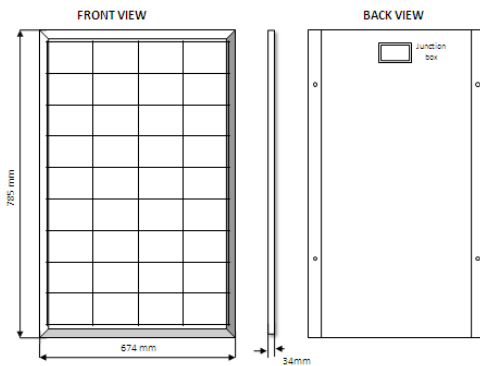
Maximum Power at STC (Pmax)	60 Wp (0, 3%)
Open-Circuit Voltage (Voc)	21.62
Voltage at maximum power (Vmp)	17.18
Short-Circuit Current (Isc)	3.95
Current at maximum power (Imp)	3.51
Max Module efficiency	> 11.5
Operating Temperature	-40° C to +85° C
Maximum System Voltage	1000 V DC

MECHANICAL DIMENSIONS

Solar Cell	Poly-Crystalline 78 x 156mm
Cells per Module	36 (4 x 9)
Dimensions	785 mm x 674mm x 34 mm
Weight	6 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminium Frame

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

PHYSICAL SPECIFICATIONS



TEMPERATURE COEFFICIENTS

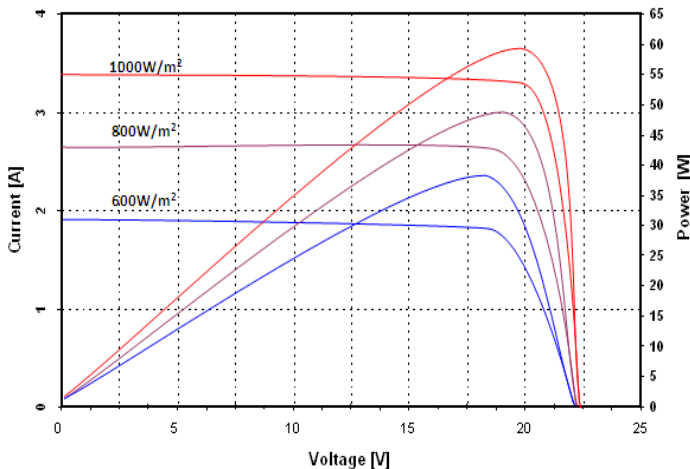
Nominal Operating Cell Temperature (NOCT)	45 2° C
Temperature Coefficient of Pmax	-0.43%/° C
Temperature Coefficient of Voc	-0.36%/° C
Temperature Coefficient of Isc	0.056 %/° C

WARRANTY

5 Years Warranty on Material and Workmanship

25 Years Warranty on Power Output. 90% of the rated power is guaranteed for a period of 12 years and 80% of the rated power is guaranteed over a period of 25 years.

CURRENT-VOLTAGE CHARACTERISTICS OF PHOTOVOLTAIC MODULE XL6P36G060 AT VARIOUS IRRADIANCE LEVELS



TEMPERATURE DEPENDENCE OF Isc, Voc, Pmax

