XL ENERGY LIMITED

The Silent Performer

DATA SHEET FOR XL6P36G050 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

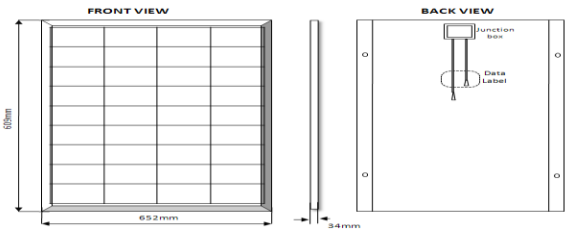
Maximum Power at STC (Pmax)	50 Wp (0, 3%)
Open-Circuit Voltage(Voc)	21.61
Voltage at maximum power (Vmp)	17.16
Short-Circuit Current (Isc)	3.29
Current at maximum power (Imp)	2.94
Max Module efficiency	> 12.5
Operating Temperature	- 40^0 C to + 85^0 C
Maximum System Voltage	1000 V DC
Maximum Series Fuse Rating	10 A

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

MECHANICAL DIMENSIONS

Solar Cell	Poly-Crystalline 60 x 156mm
Cells per Module	36 (4 x 9)
Dimensions	609 mm x 652mm x 34 mm
Weight	6.5 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminium Frame

PHYSICAL SPECIFICATIONS



TEMPERATURE COEFFICIENTS

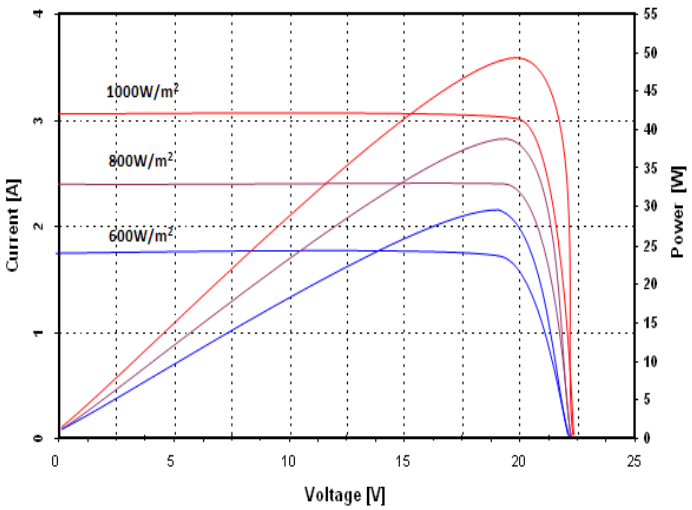
Nominal Operating Cell Temperature (NOCT)	45 2^0 C
Temperature Coefficient of Pmax	-0.43 %/^{0} C
Temperature Coefficient of Voc	-0.36 %/^{0} C
Temperature Coefficient of Isc	0.056 %/^{0} C

WARRANTY

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 XL6P36G050AT VARIOUS IRRADIANCE LEVELS



TEMPERATURE DEPENDENCE OF Isc, Voc, Pmax