



XL ENERGY LIMITED

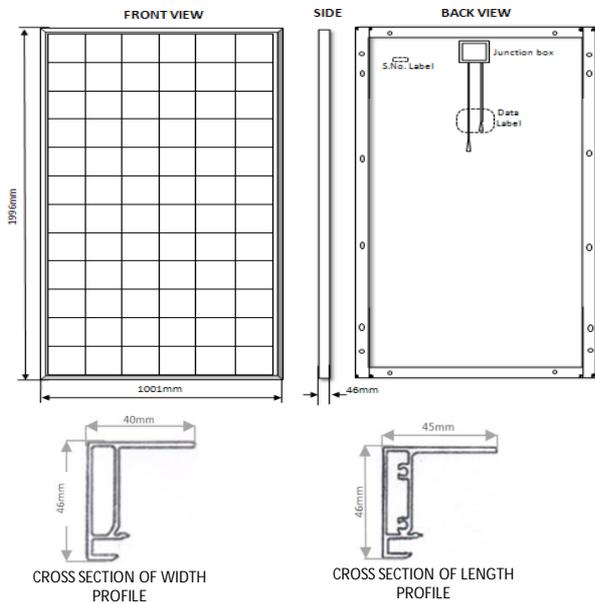
DATA SHEET FOR XL6P72G300 MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

Maximum Power at STC (Pmax)	300 Wp (-0, +5%)
Open-Circuit Voltage(Voc)	44.97V
Voltage at maximum power (Vmp)	36.98V
Short-Circuit Current (Isc)	8.62A
Current at maximum power (Imp)	8.11A
Max Module Efficiency	15.77%
Operating Temperature	-40° C to +85° C
Maximum System Voltage	1000 V DC
Maximum Series Fuse Rating	15 A

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

PHYSICAL SPECIFICATIONS



MECHANICAL DIMENSIONS

Solar Cell	Poly-Crystalline 156 x 156 mm
Cells per Module	72 (6 x 12)
Dimensions	1966 mm x 1001 mm
Weight	24.60 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminium Frame (Double Walled)
Junction Box	IP65, TÜV, Rheinland certified
Output Cables	4.0 mm ² asymmetrical lengths (-) 1250 mm and (+) 1000 mm

TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature (NOCT)	45 ±2° C
Temperature Coefficient of Pmax	-0.47 %/° C
Temperature Coefficient of Voc	-0.36 %/° C
Temperature Coefficient of Isc	0.056 %/° C

CERTIFICATIONS

IEC 61215, IEC 61730
CE
ISO 9001:2008

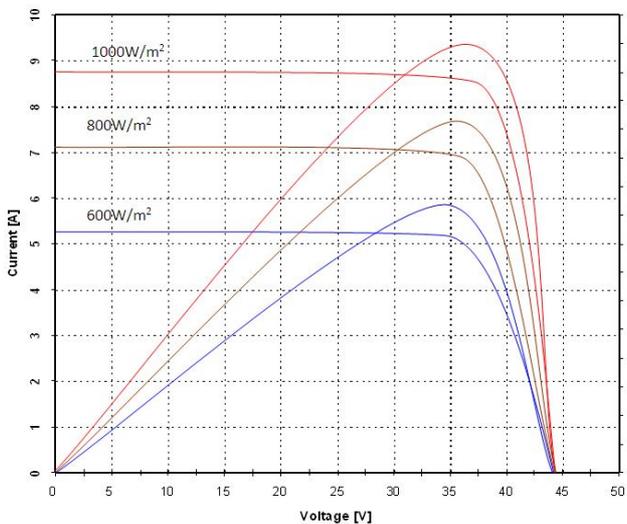
WARRANTY

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.

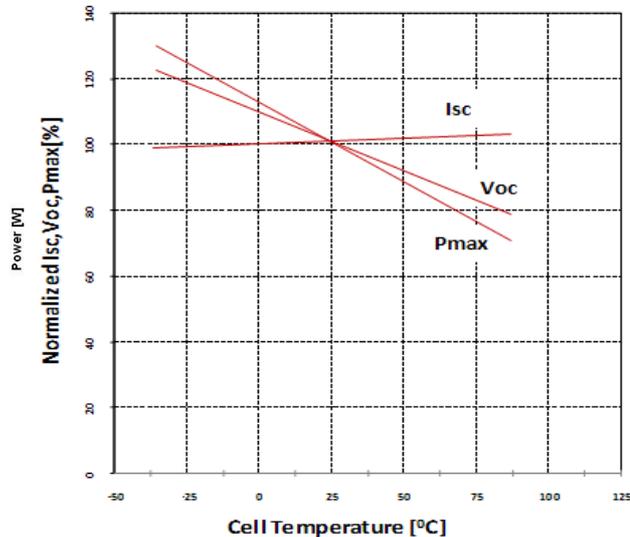
SHIPPING DETAILS

Loading Capacity (20 ft container) : 210 panels in 10 cartons
Loading Capacity (40 ft container) : 462 panels in 22 cartons

CURRENT-VOLTAGE CHARACTERISTICS OF PHOTOVOLTAIC MODULE XL6P72G300AT VARIOUS IRRADIANCE LEVELS



TEMPERATURE DEPENDENCE OF Isc, Voc, Pmax



For more information - Website: www.xlenergy.co E-mail: info@xlenergy.co