XL ENERGY LIMITED

The Silent Performer

DATA SHEET FOR XL2P18G005MULTICRYSTALLINE PHOTOVOLTAIC MODULE

ELECTRICAL CHARACTERISTICS

Maximum Power at STC (Pmax)	5 Wp (0, +3%)
Open-Circuit Voltage(Voc)	10.79
Voltage at maximum power (Vmp)	8.5
Short-Circuit Current (Isc)	0.66
Current at maximum power (Imp)	0.59
Max Module efficiency	> 9.4%
Operating Temperature	- 40^0 C to + 85^0 C
Maximum System Voltage	600 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
Cells per Module	18 (2 x 9)
Dimensions	290mm x 185mm x 22mm
Weight	1.2 Kg
Front Glass	3.2 mm Tempered
Frame	Anodized Aluminium Frame

PHYSICAL SPECIFICATIONS

Available Upon Request

TEMPERATURE COEFFICIENTS

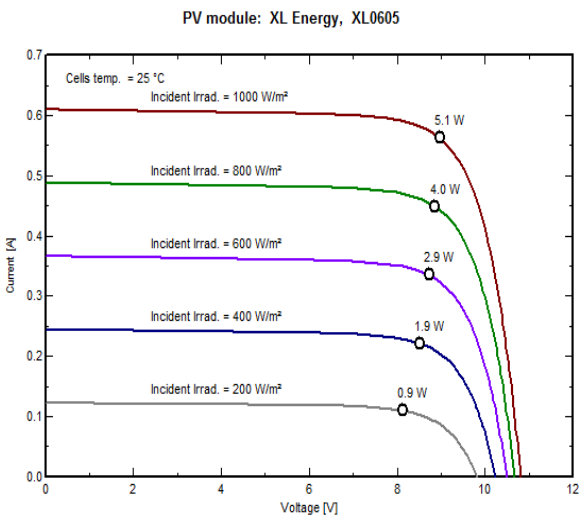
Nominal Operating Cell Temperature (NOCT)	45 2^0 C
Temperature Coefficient of Pmax	-0.43 %/^{0} C
Temperature Coefficient of Voc	-0.34%/^{0} C
Temperature Coefficient of Isc	0.056 %/^{0} C

WARRANTY

2Years Warranty on Material and Workmanship

15 Years Warranty on Power Output.

CURRENT-VOLTAGE CHARACTERISTICS OF PHOTOVOLTAIC MODULE XL2P18G005 AT VARIOUS IRRADIANCE LEVELS



POWER-VOLTAGE CHARACTERISTICS OF PHOTOVOLTAIC MODULE XL2P18G005AT VARIOUS IRRADIANCE LEVELS