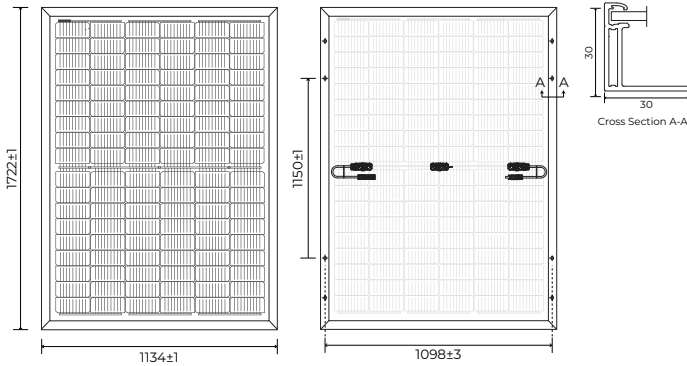


SOLAR PANEL M405-L3H/ M405-I3H

Half-Cell

High Efficiency Module
405W
1500V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC

MITREX	SOLAR PANEL
Nominal Max. Power (Pmax)	405W
MPP Operating Voltage (Vmp)	31.11V
MPP Operating Current (Imp)	13.02A
Open Circuit Voltage (Voc)	37.55V
Short Circuit Current (Isc)	13.73A
Maximum Efficiency	21%
Operating Temperature	-40°C ~ +85°C
Max. System Voltage	1500V (IEC/UL)
Max. Series Fuse Rating	25A
Fire Classification	Type I

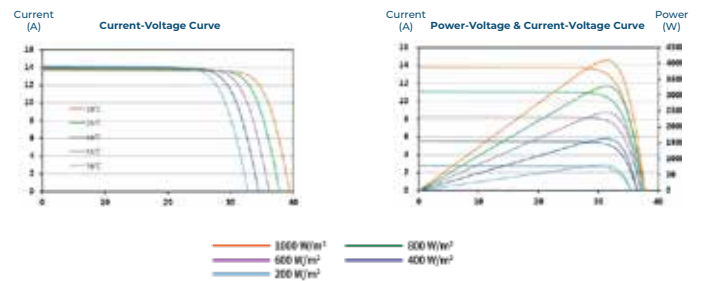
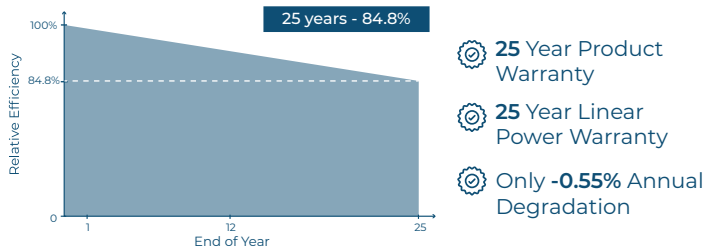
MECHANICAL DATA

SPECIFICATIONS	SOLAR PANEL
Cell Type - Size	Mono-crystalline - M10, 182mm
Cell Arrangement	108 [(6x9)x2]
Dimensions	1722 x 1134 x 30mm
Front Cover	3.2 mm tempered glass
Back Cover	Black/ Transparent Backsheet
Frame	Anodized aluminum alloy black frame
Weight (kg)	20.7 ± 1
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (Including Connector)	300mm
Connector	MC4
Max. Static Load Front/Back	5400/ 2400 Pa

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	SOLAR PANEL
Temperature Coefficient Pmax	-0.341% / °C
Temperature Coefficient Voc	-0.262% / °C
Temperature Coefficient Isc	0.054% / °C
Nominal Module Operating Temperature	42.5 ± 2°C



LINEAR PERFORMANCE WARRANTY






- Datasheet is subjected to change without prior notice, always obtain the most recent version of the datasheet.

- Caution: For professional use only, the installation, handling, and cleaning of PV modules should only be performed by qualified professionals.

Learn More:

 mitrex.com
 info@mitrex.com

Headquarters:

 41 Racine Rd., Toronto, ON M9W 2Z4, Canada
 +1 (416) 497 7120 (Office Number)  +1 (855) 254 0214 (Toll Free)

West USA Location:

 10880 Wilshire Blvd Suite 1101, Los Angeles, CA 90024, USA
 +1 (323) 301 7978

East USA Location:

 1 Rockefeller Plaza Fl 11, New York, NY 10020, USA
 +1 (646) 583 4486