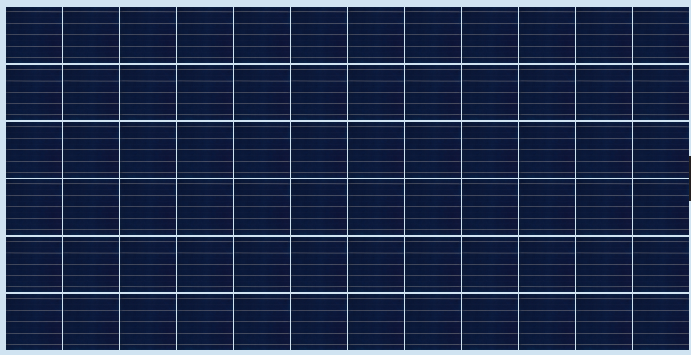


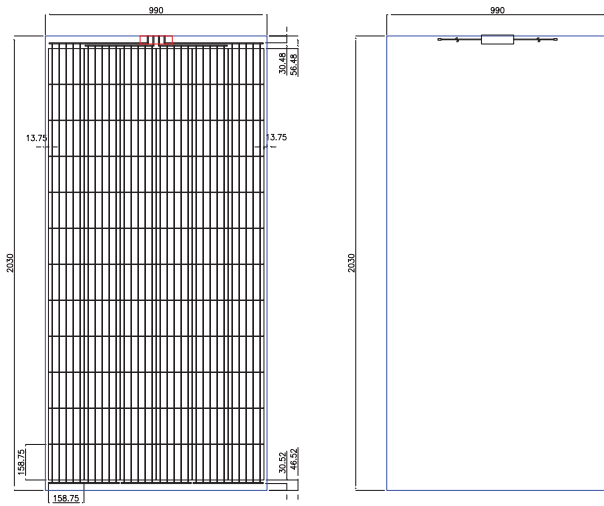


**HIGH EFFICIENCY 390W**  
**GLASS HP**  
**M390 C1F**



**GLASS HP**  
M390 C1F  
High Efficiency Mono Module  
390 W  
1000V

**ENGINEERING DRAWING (mm)**



**MECHANICAL DATA**

SPECIFICATIONS	DATA
Cell Type	Mono-crystalline
Cell Arrangement	72 [12x6]
Dimensions	2030x990x7.5mm
Front cover	3.2 mm tempered glass
Back cover	3.2 mm tempered glass
J-Box	IP68, 3 bypass diodes
Cable	4mm <sup>2</sup> , 12 AWG (UL)
Cable Length (Including Connector)	1000mm, 1200mm
Connector	MC4

**ELECTRICAL DATA | STC\***

MITREX	GLASS HP
Nominal Max. Power (Pmax)	390 W
Opt. Operating Voltage (Vmp)	42.0 V
Opt. Operating Current (Imp)	9.29 A
Open Circuit Voltage (Voc)	42.3 V
Short Circuit Current (Isc)	9.76 A
Module Efficiency	19.4%
Operating Temperature	-40°C ~ =85°C
Max. System Voltage	1000V (IEC/UL)
Max. Series Fuse Rating	20A
Application Classification	Class A

**TEMPERATURE CHARACTERISTICS**

SPECIFICATIONS	DATA
Temperature Coefficient (Pmax)	-0.390% / °C
Temperatures Coefficient (Voc)	-0.300% / °C
Temperatures Coefficient (Isc)	-0.060% / °C
Nominal Module Operating Temperature	42 ± 3°C

\* The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Mitrex Inc. reserves the right to make necessary adjustments to the information described herein at any time without further notice. Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety installation instructions before using our PV modules.

\* Under Standard Test Conditions (STC) of irradiance of 1000 W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25°C.