

## SOLAR PANEL GLASS HP

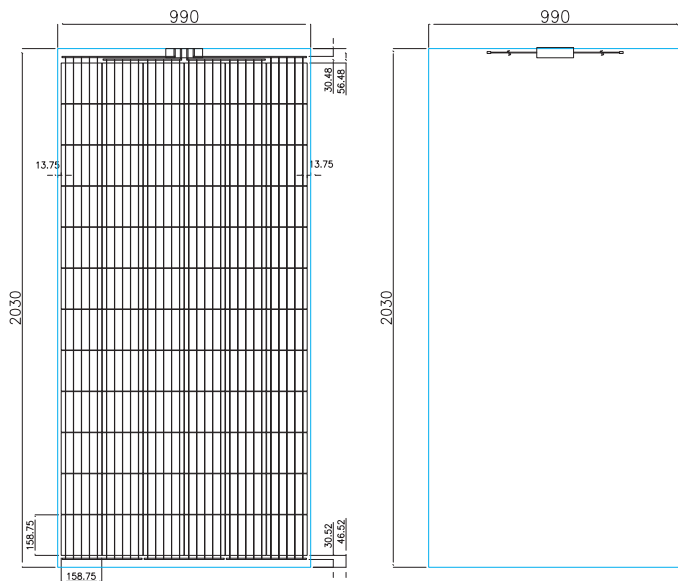
### M390-C1F

High Efficiency Mono Module Frameless

**390 W**

1000V

### ENGINEERING DRAWING (mm)



### ELECTRICAL DATA | STC\*

MITREX	GLASS HP M390-C1F
Nominal Max. Power (Pmax)	390 W
MPP Operating Voltage (Vmp)	42.0 V
MPP 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

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

### MECHANICAL DATA



SPECIFICATIONS	GLASS HP M390-C1F
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

### TEMPERATURE CHARACTERISTICS



SPECIFICATIONS	GLASS HP M390-C1F
Temperature Coefficient Pmax	-0.36% / °C
Temperature Coefficient Voc	-0.30% / °C
Temperature Coefficient Isc	-0.046% / °C
Nominal Module Operating Temperature	42 ± 3°C

Note: The specifications contained in this datasheet may slightly alter from our actual products due to on-going innovation and improvement. Mitrex Inc. reserves the right to adjust the information displayed at any time without notice. Please note that PV modules should be handled and installed by qualified professionals.

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