

SOLAR PANEL BLACK HP

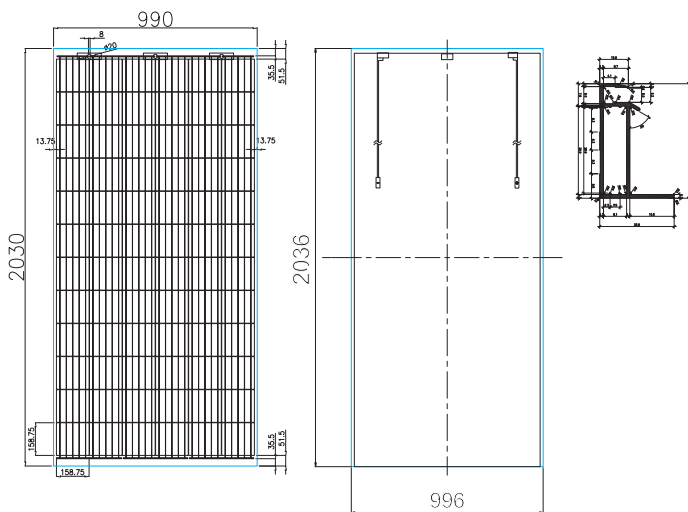
M390-A1F

High Efficiency Mono Module

390W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

MITREX	BLACK HP M390-A1F
Nominal Max. Power (Pmax)	390W
MPP Operating Voltage (Vmp)	41.9V
MPP Operating Current (Imp)	9.31A
Open Circuit Voltage (Voc)	47.2V
Short Circuit Current (Isc)	9.77A
Module Efficiency	19.2%
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/m², spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

SPECIFICATIONS	BLACK HP M390-A1F
Cell Type	Mono-crystalline
Cell Arrangement	72 [12x6]
Dimensions	2036x996x40mm
Front Cover	3.2 mm tempered glass
Frame	Anodized aluminum alloy black frame
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (Including Connector)	500mm, 1000mm, 1200mm
Connector	MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	BLACK HP M390-A1F
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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