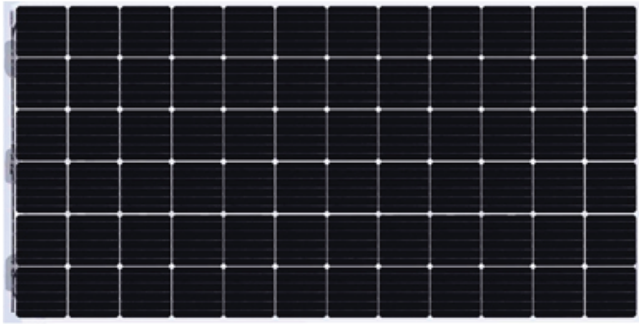




HIGH EFFICIENCY 390W

MONO-CRYSTALLINE Bifacial HP PV Module M390-D1FB

1000V

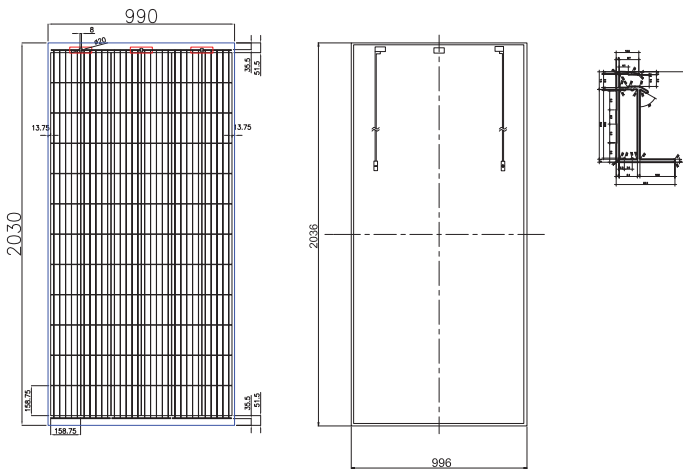


BIFACIAL HP M390-D1FB

High Efficiency Mono Module - Up to 30% more power

390W
1000V

ENGINEERING DRAWING (mm)



MECHANICAL DATA

SPECIFICATIONS	BIFACIAL HP
Cell Type	Mono-crystalline-Bifacial
Cell Arrangement	72 [12x6]
Dimensions	2036mmx996mmx40mm
Front cover	3.2 mm tempered glass
Frame	Anodized aluminum alloy silver or grey frame
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (Including Connector)	500mm, 1000mm, 1200mm
Connector	MC4

ELECTRICAL DATA | STC*

MITREX	BIFACIAL HP			
	FRONT ONLY	10%	20%	30%
Nominal Max. Power (Pmax)	390W	42.9W	46.8W	50.7W
Opt. Operating Voltage (Vmp)	42.0V	42.0V	42.0V	42.0V
Opt. Operating Current (Imp)	9.29A	10.3A	11.4A	12.07A
Open Circuit Voltage (Voc)	47.3V	42.3V	42.3V	42.3V
Short Circuit Current (Isc)	9.76A	10.74A	11.71A	12.69A
Cell Efficiency	22.0%-22.5%			
Operating Temperature	-40°C ~ =85°C			
Max. System Voltage	1000V (IEC/UL)			
Max. Series Fuse Rating	20A			
Application Classification	Class A			

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	BIFACIAL HP
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

* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.