

FRAMED SOLAR GLASS

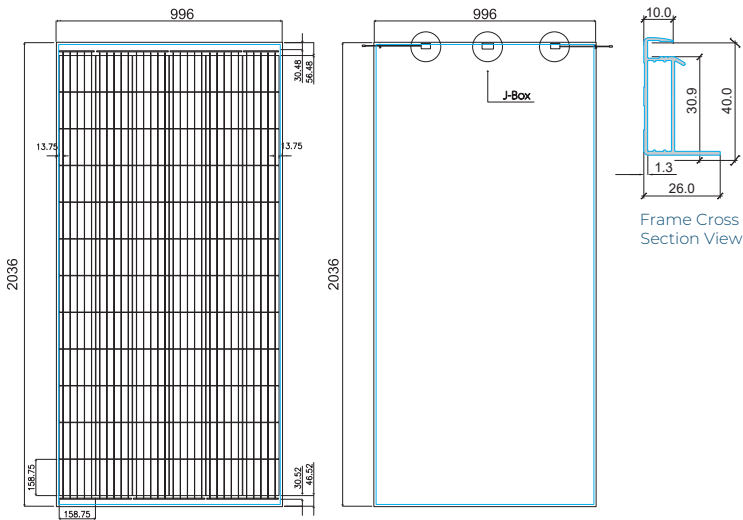
Bifacial Opaque

High Efficiency Mono Module

390 W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

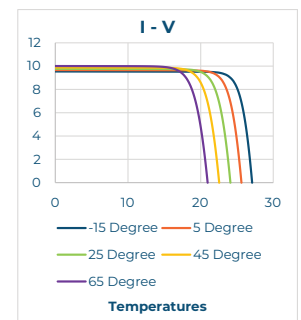
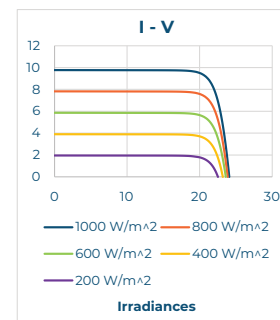
FRAMED SOLAR GLASS - BIFACIAL - OPAQUE				
SPECIFICATIONS	FRONT ONLY	10%	20%	30%
Nominal Max. Power (Pmax)	390W	429W	468W	507W
MPP Operating Voltage (Vmp)	41.9V	41.9V	41.9V	41.9V
MPP Operating Current (Imp)	9.31A	10.24A	11.17A	12.10A
Open Circuit Voltage (Voc)	48.2V	48.2V	48.2V	48.2V
Short Circuit Current (Isc)	9.77A	10.75A	11.72A	12.70A
Cell Efficiency	22% - 22.5%			
Operating Temperature	-40°C ~ +85°C			
Max. System Voltage	1000V (IEC/UL)			
Max. Series Fuse Rating	20A			
Application Classification	Class A			

MECHANICAL DATA

SPECIFICATIONS	FRAMED SOLAR GLASS - BIFACIAL - OPAQUE
Cell Type	Mono-crystalline
Cell Arrangement	72 (12x6)
Overall Dimensions	2036x996x40mm
Front Cover	3.2 mm tempered glass
Frame	Anodized Aluminum Alloy
Weight	22kg
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (Including Connector)	1000mm, 1200mm
Connector	MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	FRAMED SOLAR GLASS - BIFACIAL - OPAQUE
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



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