



SOLAR SIDING

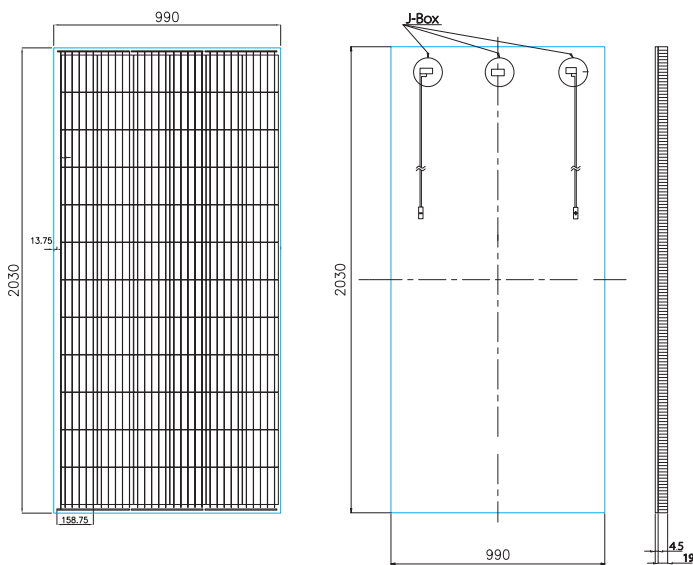
Wood Facing With Aluminum Honeycomb (Castanea)

High Efficiency Mono Module

300W

1000V

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

SPECIFICATIONS	SOLAR SIDING WOOD (CASTANEA)
Nominal Max. Power (Pmax)	300W
MPP Operating Voltage (Vmp)	41.9V
MPP Operating Current (Imp)	7.16A
Open Circuit Voltage (Voc)	48.8V
Short Circuit Current (Isc)	7.86A
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

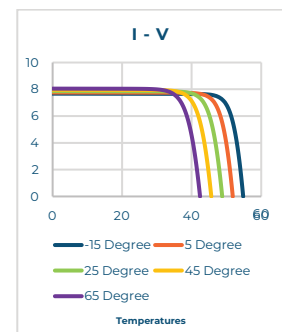
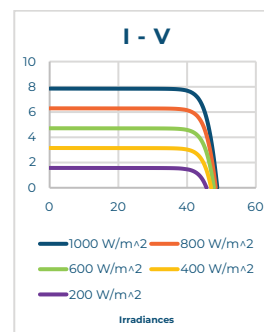
* Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

SPECIFICATIONS	SOLAR SIDING WOOD (CASTANEA)
Cell Type	Mono-crystalline
Cell Arrangement	72 (12x6)
Dimensions	2030x990x24mm
Front Cover	3.2 mm tempered glass
Weight	29kg
Back Support	Aluminum Honeycomb
J-Box	IP68, 3 bypass diodes
Cable	4mm ² , 12 AWG (UL)
Cable Length (including Connector)	300mm, 500mm, 1000mm, 1200mm
Connector	MC4

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	SOLAR SIDING WOOD (CASTANEA)
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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