



SOLAR ROOF

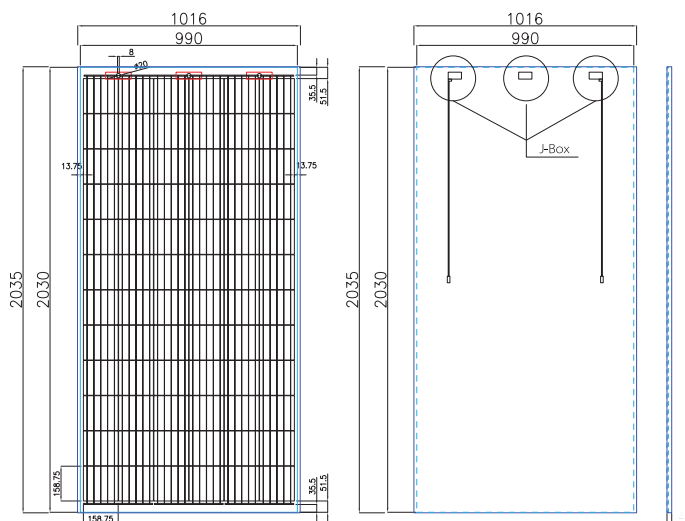
Black Slate Facing

High Efficiency Mono Module

300W

1000V

ENGINEERING DRAWING (mm)



*Hidden Frame Drawing

ELECTRICAL DATA | STC*

SPECIFICATIONS	SOLAR ROOF BLACK SLATE
Nominal Max. Power (Pmax)	300W
MPP Operating Voltage (Vmp)	41.2V
MPP Operating Current (Imp)	7.28A
Open Circuit Voltage (Voc)	48.2V
Short Circuit Current (Isc)	7.90A
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 ROOF BLACK SLATE	
Back Support	Hidden Frame Backing	Standard Frame Backing
Dimensions	2035x1016x40mm	2036x996x40mm
Cell Type	Mono-crystalline	
Cell Arrangement	72(12x6)	
Front Cover	3.2 mm tempered glass	
J-Box	IP68, 3 bypass diodes	
Cable	4mm ² , 12 AWG (UL)	
Cable Length (Including Connector)	1000mm, 1200mm	
Connector	MC4	

TEMPERATURE CHARACTERISTICS

SPECIFICATIONS	SOLAR ROOF BLACK SLATE
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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