

JS290CB-80

ELECTRICAL PARAMETERS(STC)

Power output (P_{max})	290W \pm 3%
Module Efficiency STC(%)	17.75%
Power tolerance	0 ~ +5W
Voltage at Pmax (V_{mpp})	49.90V
Current at Pmax (I_{mpp})	5.82A
Open-circuit current (V_{oc})	58.50 (\pm 3%)
Short-circuit current (I_{sc})	6.11 (\pm 3%)
Maximum system voltage	DC 1500V
Open-Maximum series fuse rating	30A

STC: 1000W/m² irradiance, 25 °C cell temperature, AM1.5g.
(Made in China)

PHYSICAL PARAMETERS

Product model	JS290CB-80
Size(Length*Width*Thickness)	1540*1061*13.5mm (Frameless)
Weight	54.5kg
Glass (material/thickness)	Semi-tempered float glass 6mm
Junction box	IP68
Cable type	4mm ²
Plug connector	PV-KST4-EVO2A/xy,PV-KBT4-EVO2A/xy Staubli Electrical Connectors AG
Fire resistance class	ClassA

LIMITED POWER WARRANTY

1st year degradatio	\leq 1%
30th year degradation	\leq 12%
Linear power warranty	30 years
Linear product warranty	15 years

TEMPERATURE COEFFICIENT

Temperature coefficients of P_{max}	γ	%/°C	-0.32%/°C
Temperature coefficients of V_{oc}	$\beta_{V_{oc}}$	%/°C	-0.25%/°C
Temperature coefficients of I_{sc}	$\alpha_{I_{sc}}$	%/°C	+0.055%/°C

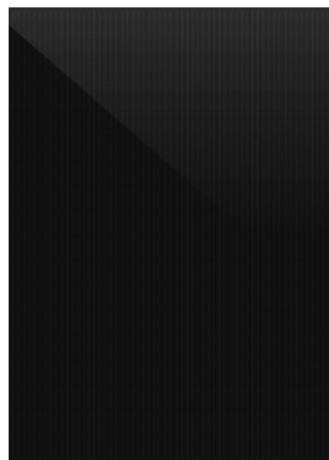
PERFORMANCE AT LOW IRRADIANCE (LIC)

Power output (P_{max})	57.35W
Voltage at Pmax (V_{mpp})	49.44V
Current at Pmax (I_{mpp})	1.16A
Open-circuit current (V_{oc})	58.04V
Short-circuit current (I_{sc})	1.22A

STC: 200W/m² irradiance, 25°C cell temperature, AM1.5g.
(Made in China)

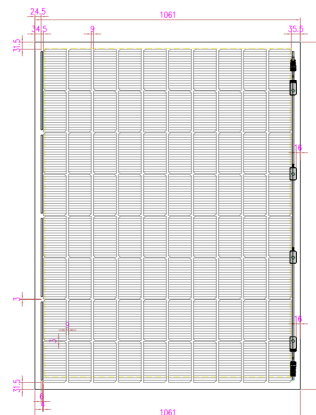
Module [T98]max[°C]70

PRODUCT PICTURE



DIMENSIONS

Unit :mm



* Clamp is not used for installation and refer to installation manual for installation method.

Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed. The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

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QUALIFICATIONS AND CERTIFICATIONS



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