

MECHANICAL DIAGRAMS

SPECIFICATIONS

Cell	Mono
Weight	25.0kg±3%
Dimensions	2037±2mm×1005±2mm×30±1mm
Cable Cross Section Size	4mm ²
No. of cells	144(6×24)

Remark: customized frame color and cable length available upon request

ELECTRICAL PARAMETERS AT STC

TYPE

Rated Maximum Power(P_{max}) [W]

Open Circuit Voltage(V_{oc}) [V]

Maximum Power Voltage(V_{mp}) [V]

Short Circuit Current(I_{sc}) [A]

Maximum Power Current(I_{mp}) [A]

Module Efficiency [%]

Power Tolerance

0~+5W

Temperature Coefficient of I_{sc}(α_{Isc})

+0.044%/°C

Temperature Coefficient of V_{oc}(β_{Voc})

-0.272%/°C

Temperature Coefficient of P_{max}(γ_{Pmp})

-0.354%/°C

STC

Irradiance 1000W/m², cell temperature 25 °C, AM1.5G

Remark: Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

*Bifaciality=P_{max, rear}/Rated P_{max, front}

ELECTRICAL CHARACTERISTICS WITH DIFFERENT REAR SIDE POWER GAIN(REFERENCE TO 410W FRONT)

OPERATING CONDITIONS

Backside Power Gain	Maximum System Voltage	1500V DC(IEC)
Rated Max Power(P _{max}) [W]	Operating Temperature	-40 ~+85
Open Circuit Voltage(V _{oc}) [V]	Maximum Series Fuse	20A
Max Power Voltage(V _{mp}) [V]		
Short Circuit Current(I _{sc}) [A]	NOCT	45±2
Max Power Current(I _{mp}) [A]	Bifaciality*	70%±10%

CHARACTERISTICS