



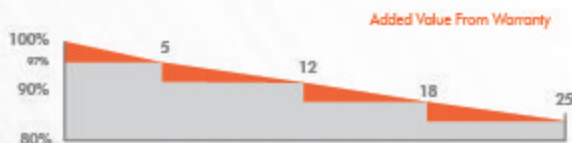
JSGFP-144-410W

TIGER SERIES

MULTI-CRYSTALLINE HALF CELL MODULE

KEY SALIENT FEATURES

- > IP68 Junction Box, Connector
- > 20A Current
- > Current division
- > Strong mechanical load capacity
- > Super strong frame
- > Color Classification



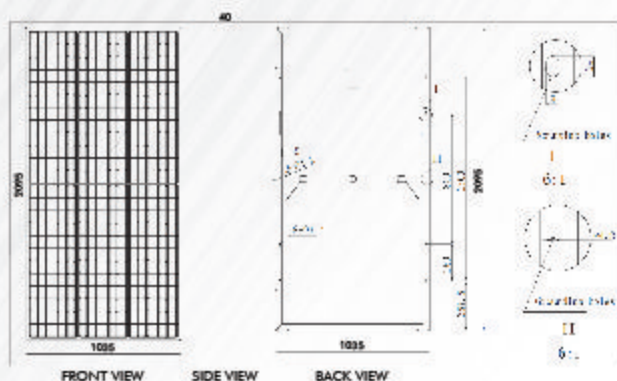
*Terms & Condition Applies

TIGER

S E R I E S

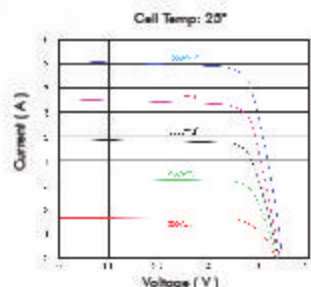
Powered by GROWATT PK

MECHANICAL DRAWINGS

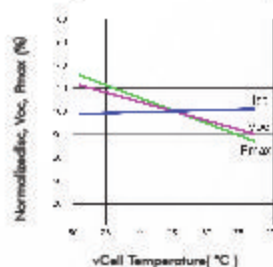


I-V CURVES

I-V Curves at JSGFP - 144 - 410W at different Irradiances



Power voltage current curve at different temperature



MECHANICAL SPECIFICATION

Cell Type	Multi-Crystalline 166mm x166mm
Number Of Cells	144 (6x24)
Dimensions(AxBxC)	2095x1035x40mm
Weight	23kg
Front Glass	3.2mm Tempered Low Iron Glass
Frame	Clear Anodized Aluminum Alloy
Junction Box	Ip68, with Bypass Diodes
Connector	Mc4 Compatible
Grade	A+ (Tier 1)

PACKING CONFIGURATION

Container	40' HQ
Pieces Per Container	792

ELECTRICAL CHARACTERISTICS

Maximum Power At STC(Pmax)	410W
Short Circuit Current(Isc)	10.2A
Open Circuit Voltage(Voc)	47.3V
Maximum Power Current(Imp)	9.7A
Maximum Power Voltage(Vmpp)	38.7V
Module Efficiency	20.52%
Power Tolerance	0~+3%

STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5.

SYSTEM INTEGRATION PARAMETERS

Maximum System Voltage	VDC 1000V/1500V
Maximum Series Fuse	20A
Increased Snowload Acc.to Iec 61215	5400Pa
Operating Temperature	-40~+60°C
Number Of Bypass Diodes	2

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature(Noc)	45°C±2°C
Temperature Coefficient Of Pmax	-0.41%/°C
Temperature Coefficient Of Voc	-0.33%/°C
Temperature Coefficient Of Isc	0.06%/°C

Note: Product specifications are subject to change without further notice