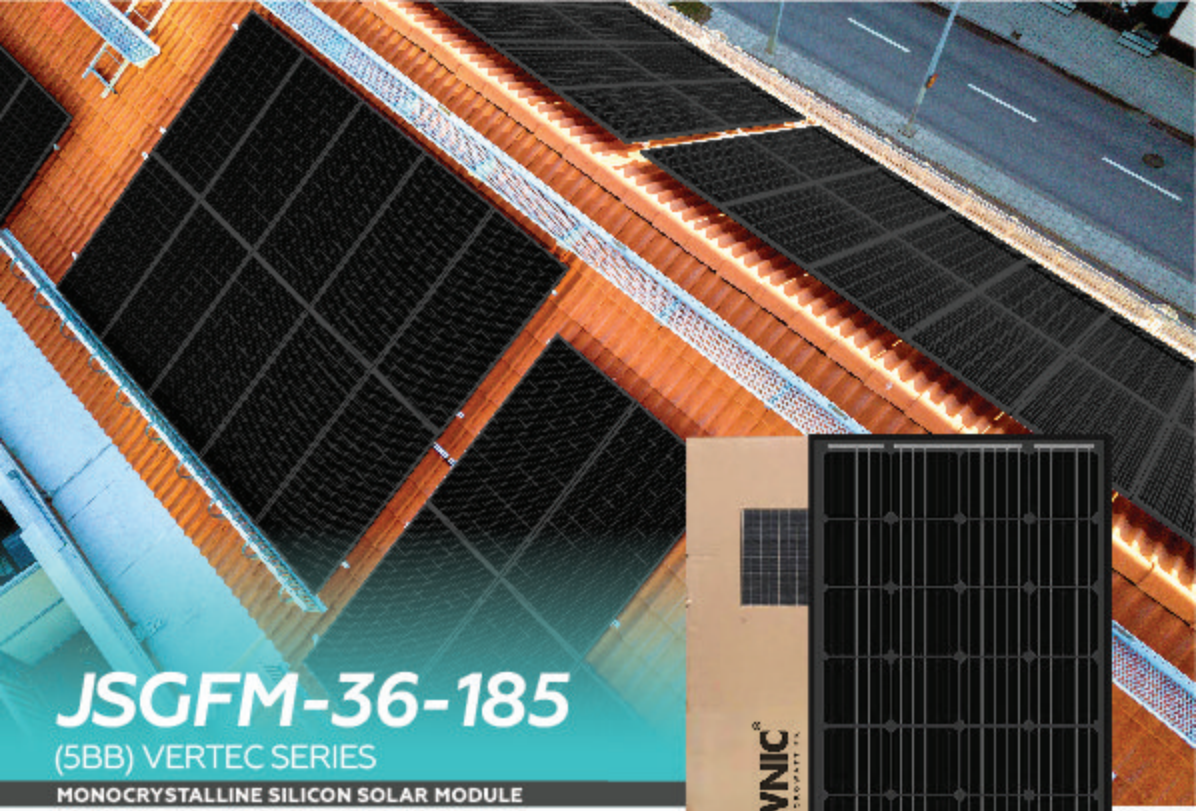


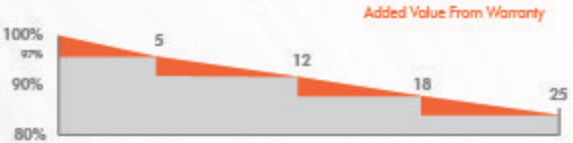
JSGFM-36-185

(5BB) VERTEC SERIES

MONOCRYSTALLINE SILICON SOLAR MODULE

KEY SALIENT FEATURES

- High output and efficiency even under low light conditions
- Salt mist corrosion tested, perfect for harsh climatic conditions
- Durable and reliable solar panel due to stringent quality control measures.
- Ziewnic is committed to innovation and constantly working to provide the next breakthrough in solar technology
- 0-3% power tolerance
- 20.0% Cell efficiency



Certification

5 Year Warranty

25 Linear Life

*Terms & Condition Applies

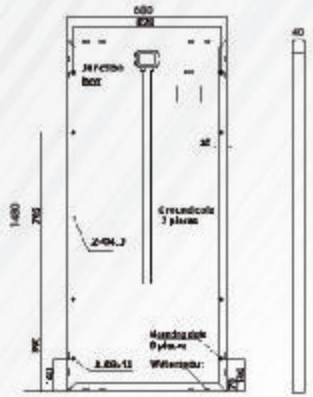
Vertec series

Powered by GROWATT PK

Vertec series

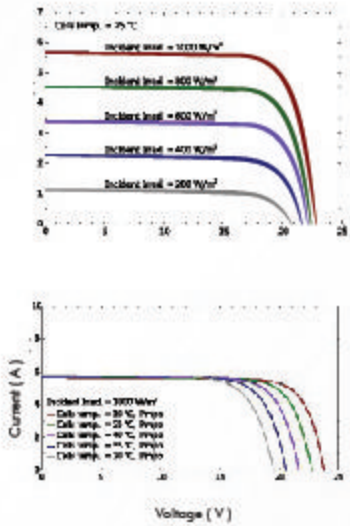
JSGFM - 36 - 185 (5BB)

MECHANICAL DRAWINGS



BACK VIEW SIDE VIEW

I-V CURVES



MECHANICAL SPECIFICATION

Front Cover (Material/Thickness	Low-iron tempered glass / 3.2mm
Backsheet (Color)	Black
Cell (Qty/Material/Dimensions)	36 / monocrystalline silicon / 156 x 156mm
Frame	anodized aluminium alloy / black
Junction Box (Protection Degree)	>IP65
Cables & Plug connections	900mm/4mm² & MC4 compatible / IP67
Module Dimensions (L/W/H)	1480mm x 680mm x 40mm
Module Weight	11 kg

PACKING CONFIGURATION

Container	40' HQ
Pieces Per Container	1630

ELECTRICAL CHARACTERSTICS

Module Type	JSGFM-36-185
Power Output	185w
Power Output tolerances	0~3
Voltage at Pmax	18.98v
Current at Pmax	9.42A
Open-circuit voltage	22.75v
Short-circuit current	9.79A

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

SYSTEM INTEGRATION PARAMETERS

Max. system voltage	VDC 1000V
Limiting reverse current	20A
Operating temperature range	-40~+85°C
Max. static load front (e.g., snow)	5400Pa
Max. static load back (e.g., wind)	2400Pa
Max. hailstone impact (diameter/velocity)	25mm/ 23m/s

Note: Product specifications are subject to change without further notice

TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature(Noct)	45°C±2°C
Temperature Coefficient Of Pmax	-0.45%°C
Temperature Coefficient Of Voc	-0.34%°C
Temperature Coefficient Of Isc	0.06%°C
Temperature Coefficient Of Vmpp	-0.40%°C