

Introducing 1st Time in Pakistan

600W

Panel in 210mm Cell Size with 21.2% + Efficiency

TS-M-600DE22

VERTEC SERIES

MULTI BUSBAR - HALF CUT MONO PERC

KEY SALIENT FEATURES

- > Ultimate string power 37% higher string power
- > Most efficient cost-saving
- > High output power
- > Better power generation under shadows
- > Strong anti-hot spot ability
- > Strong mechanical load capacity
- > Super strong frame
- > 1500V system voltage



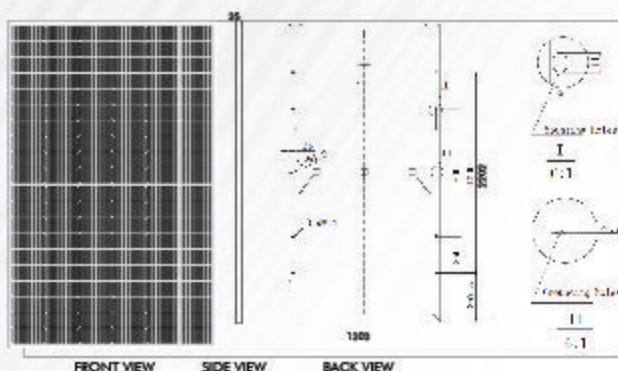
Certification



*Terms & Condition Applies

vertec
series

Powered by GROWATT PK

MECHANICAL DRAWINGS

210mm, The Future from Now On!

Vertec module with 600W+ power and 21.2%+ efficiency

166mm

182mm

210mm



Multi-busbar technology improving optical utilization rate with higher electricity performance.

Module power increase 3-5%, efficiency increase 0.4-0.6%



Conventional Module



VERTEC Module

High density encapsulation technology, optimizing power output with good balance between reliability and efficiency, module efficiency increase 0.2-0.5%

STRING



-24.6%

MOUNTING STRUCTURE



-6.5%

CABLE



-24.6%

PV SYSTEM INSTALLATION COST



-15%

MECHANICAL SPECIFICATION

Cell Type	Half Cut Mono Perc 210x105mm
Number Of Cells	120 (6x20)
Dimensions(AxBxC)	2202x1302x35mm
Weights	30.96g
Glass	3.2mm Tempered Low Iron Glass
Aluminium Frame	Anodized Aluminium
Junction Box	Split Junction Box (IP68 ,three diode)
Connector	M4 Compatible
Output Cables	4.0mm ² , +300mm, -300mm Customized Length

PACKING CONFIGURATION

Container	40' HQ
Pieces Per Container	510

ELECTRICAL CHARACTERISTICS

Module Type	600W
	STC
Maximum Power At STC (Pmax)	600w+/-3%
Short Circuit Current (Isc)	17.2A+/-4%
Open Circuit Voltage (Voc)	43.5V+/-3%
Maximum Power Current (Imp)	16.23A
Maximum Power Voltage (Vmpp)	36.5V
Module Efficiency	20.98%
Power Tolerance	0~+5W
Maximum System Voltage	IEC 1500V
Maximum Series Fuse	30A
Module Application	A Tier1
Operating Temperature	-40~+85°C
Number Of Bypass Diodes	2
Temperature Coefficient Of Pmax	-0.36%/°C
Temperature Coefficient Of Voc	-0.29%/°C
Temperature Coefficient Of Isc	0.05%/°C

 STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.

Note: Product specifications are subject to change without further notice.

