

Virtus[®] II Module

245W/250W/ 255W/260W



High Module Conversion Efficiencies



Easy Installation and Handling for Various Applications



Test Mechanical Load Capability up to 5400 Pa



Conforms with IEC 61215-1:2016, IEC 61215-1-1:2016, IEC 61215-2:2016, IEC 61730-1:2016, IEC 61730-2:2016, UL 1703 PV Standards



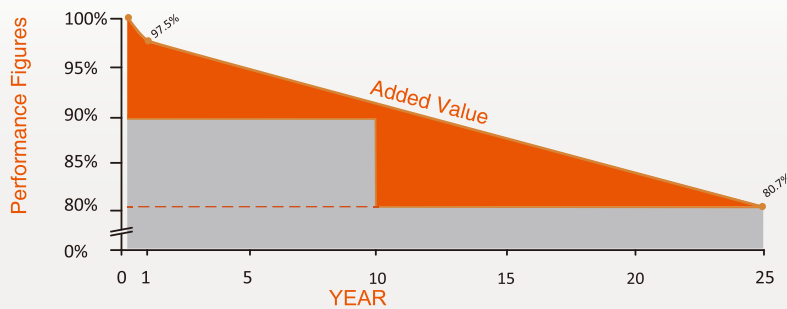
ISO9001, ISO14001, OHSAS18001 Certified



Application Class A, Safety Class II, Fire Rating Class C



Also Applicable For Modules With Black Frame and Diamond Wire Slicing Wafer

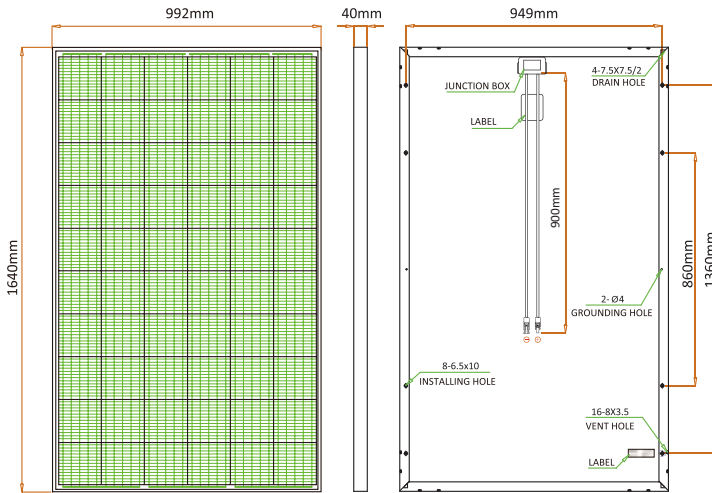


10 -year
material & workmanship

25 -year
linear power output

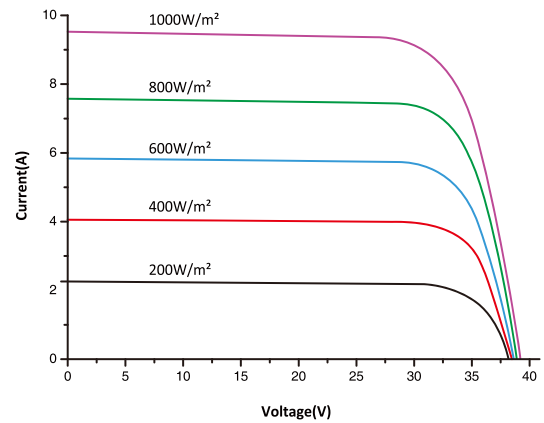


Mounting Drawings



Drawing Only For Reference

I-V Curves



Electrical Characteristics STC

	JC245M-24/Bbs	JC250M-24/Bbs	JC255M-24/Bbs	JC260M-24/Bbs
Maximum Power (Pmax)	245 W	250 W	255 W	260 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	15.06%	15.37%	15.67%	15.98%
Maximum Power Current (Imp)	8.35 A	8.45 A	8.56 A	8.62 A
Maximum Power Voltage (Vmp)	29.8 V	30.0 V	30.2 V	30.2 V
Short Circuit Current (Isc)	8.97 A	9.04 A	9.12 A	9.19 A
Open Circuit Voltage (Voc)	37.1 V	37.5 V	37.8V	37.8V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

	JC245M-24/Bbs	JC250M-24/Bbs	JC255M-24/Bbs	JC260M-24/Bbs
Maximum Power (Pmax)	182 W	185 W	189 W	193 W
Maximum Power Current (Imp)	6.53 A	6.57 A	6.63 A	6.74 A
Maximum Power Voltage (Vmp)	27.9 V	28.2 V	28.5 V	28.6V
Short Circuit Current (Isc)	7.04 A	7.12 A	7.20 A	7.27 A
Open Circuit Voltage (Voc)	35.0 V	35.0 V	35.1 V	35.2 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

Cell Type	Polycrystalline, 156 x 156 mm, 60 (6x10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated, With Bypass Diodes
Dimension	*1640 x 992 x 40 mm
Output Cable	4 mm² (EU), 900mm
Weight	19 kg
Installation Hole Location	See Drawing Above
Connector 1	PV-JM601A

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.40%/°C
Nominal Operating Cell Temperature (NOCT)	45°C ± 2°C

Packing Information

	20' GP	40' GP	40' HQ
Container	20' GP	40' GP	40' HQ
Pallets per Container	12	28	28
Pieces per Container	312/300	728/700	798/770

Maximum Ratings

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	20A

Virtus[®] II Module

265W/270W/275W



High Module Conversion Efficiencies



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Test Mechanical Load Capability up to 5400 Pa



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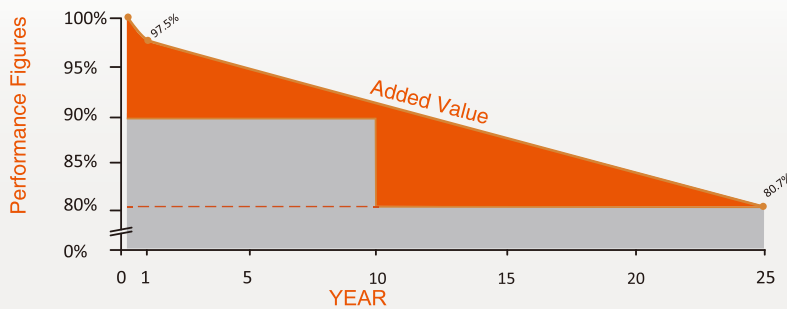
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Application Class A, Safety Class II, Fire Rating Class C



Also Applicable For Modules With Black Frame and Diamond Wire Slicing Wafer

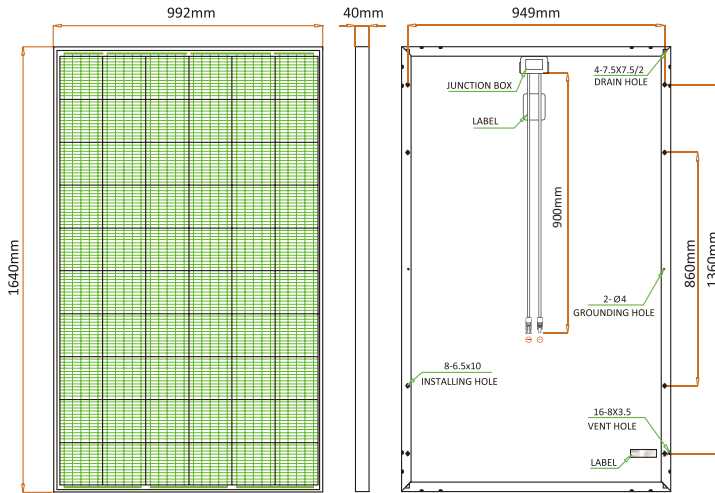


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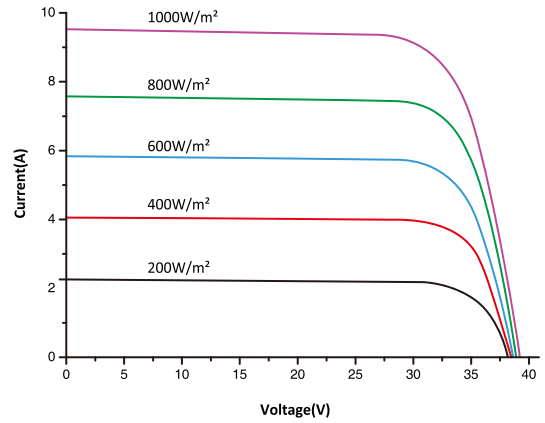


Mounting Drawings



Drawing Only For Reference

I-V Curves



Electrical Characteristics STC

	JC265M-24/Bbs	JC270M-24/Bbs	JC275M-24/Bbs
Maximum Power (Pmax)	265 W	270 W	275 W
Power Tolerance	0 ~ +5W	0 ~ +5W	0 ~ +5W
Module Efficiency	16.29%	16.60%	16.90%
Maximum Power Current (Imp)	8.75 A	8.80 A	8.88A
Maximum Power Voltage (Vmp)	30.3 V	30.7 V	31.0 V
Short Circuit Current (Isc)	9.20 A	9.21 A	9.30 A
Open Circuit Voltage (Voc)	37.9 V	38.1 V	38.3V

Values at Standard Test Conditions STC (AM1.5, Irradiance 1000W/m², Cell Temperature 25°C)

Electrical Characteristics NOCT

	JC265M-24/Bbs	JC270M-24/Bbs	JC275M-24/Bbs
Maximum Power (Pmax)	196 W	200 W	204 W
Maximum Power Current (Imp)	6.88 A	6.98 A	7.09 A
Maximum Power Voltage (Vmp)	28.5 V	28.7 V	28.8V
Short Circuit Current (Isc)	7.36 A	7.40 A	7.55 A
Open Circuit Voltage (Voc)	35.5V	35.7 V	35.8 V

Values at Normal Operating Cell Temperature, Irradiance of 800W/m², AM1.5, Ambient Temperature 20°C, Wind Speed 1m/s.

Mechanical Characteristics

Cell Type	Polycrystalline, 156 x 156 mm, 60 (6x10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP67 Rated, With Bypass Diodes
Dimension	*1640 x 992 x 40 mm
Output Cable	4 mm² (EU), 900mm
Weight	19 kg
Installation Hole Location	See Drawing Above
Connector 1	PV-JM601A

Characteristics

Temperature Coefficient of Voc	-0.30%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.40%/°C
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