

Virtus Module

245W,250W,255W,260W



High Module Conversion Efficiency



Easy Installation and Handling for Various Applications



Withstanding Mechanical Load up to 5400 Pa



Conform with PV Standards: IEC 61215:2005, IEC 61730:2004, UL 1703



ISO9001, OHSAS18001, ISO14001



We provide a 10 years material and workmanship guarantee for our modules. In addition, a 90%-power-output guarantee for 10 years and a 80%-power-output guarantee for 25 years of the modules life are provided.

10-year

material & workmanship

10-year

90% power output

25-year

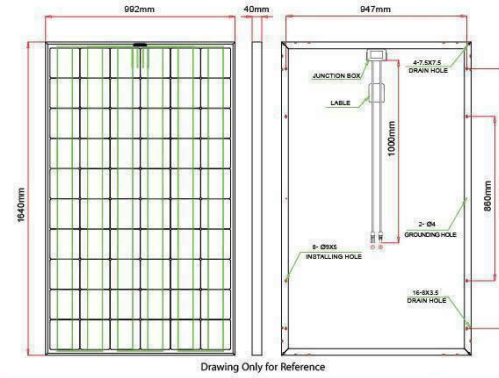
80% power output



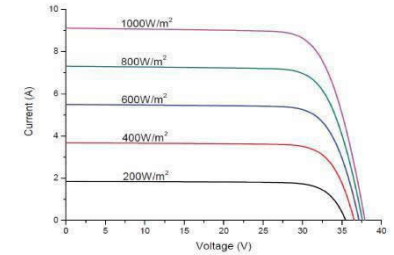
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Dimension



I-V Curves



Efficiency at Varied Irradiation

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	15.7%	16.0%	16.1%	16.1%	16.0%

Electrical Characteristics STC

	JC245M-24/Bbv	JC250M-24/Bbv	JC255M-24/Bbv	JC260M-24/Bbv
Maximum Power (Pmax)	245 W	250 W	255 W	260 W
Power Tolerance	0~+5W	0~+5W	0~+5W	0~+5W
Module Efficiency	15.1%	15.4%	15.7%	16.0%
Maximum Power Current (Imp)	8.19 A	8.29 A	8.43 A	8.56 A
Maximum Power Voltage (Vmp)	29.9 V	30.2 V	30.3 V	30.4 V
Short Circuit Current (Isc)	8.74 A	8.84 A	8.98 A	9.09 A
Open Circuit Voltage (Voc)	37.1 V	37.3 V	37.4 V	37.6 V

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

Electrical Characteristics NOCT

	JC245M-24/Bbv	JC250M-24/Bbv	JC255M-24/Bbv	JC260M-24/Bbv
Maximum Power (Pmax)	182 W	186 W	189 W	193 W
Maximum Power Current (Imp)	6.51 A	6.59 A	6.69 A	6.77 A
Maximum Power Voltage (Vmp)	28.0 V	28.2 V	28.2 V	28.5 V
Short Circuit Current (Isc)	7.07 A	7.13 A	7.20 A	7.27 A
Open Circuit Voltage (Voc)	34.9 V	35.0 V	35.0 V	35.2 V

Values at Normal Operating Cell Temperature, Irradiance of 800 W/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

Mechanical Characteristics

Cell Type	156 x 156 mm Virtus, 60 (6 x 10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65 rated, with bypass diodes
Dimension	*1640 x 992 x 40 mm
Cable Length	1000 mm
Weight	19 Kg
Installation Hole Location	See Drawing Above

Characteristics

Temperature Coefficient of Voc	-0.29%/°C
Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Pmax	-0.39%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Packing Information

Container	20'GP	40'GP	40'HQ
Pallets per Container	12	28	28
Pieces per Container	300	700	770

Maximum Ratings

Operating Temperature	-40 °C to +85 °C
Maximum System Voltage	1000VDC (EU) / 600VDC (US)
Maximum Series Fuse Rating	20A(EU)/ 15A(US)