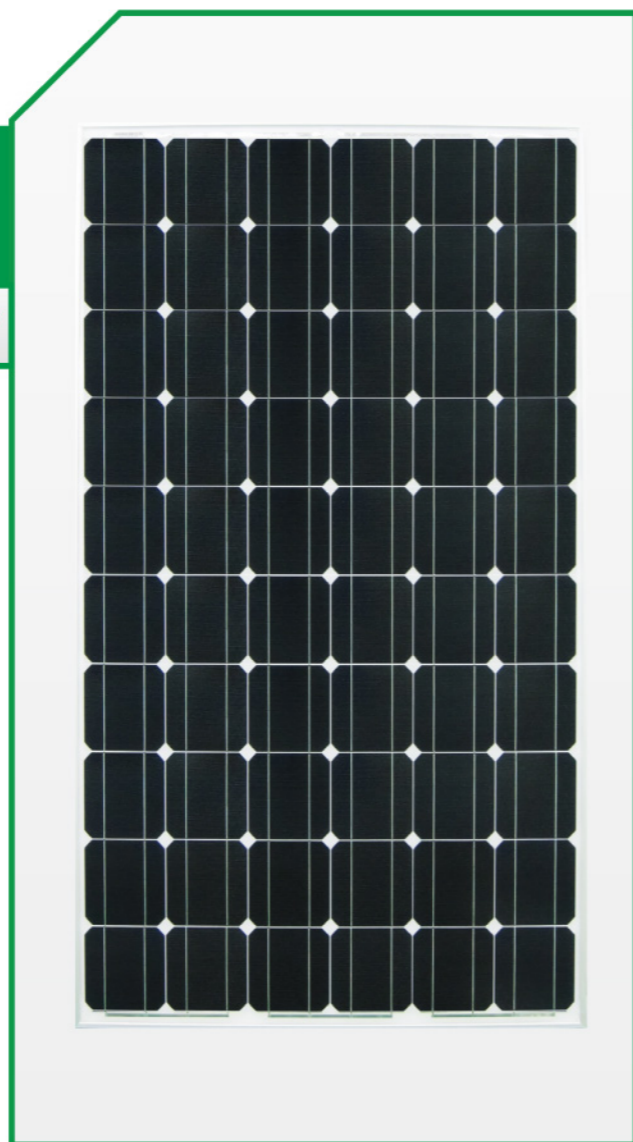


156 Series Monocrystalline Solar Module

235W, 240W, 245W, 250W



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

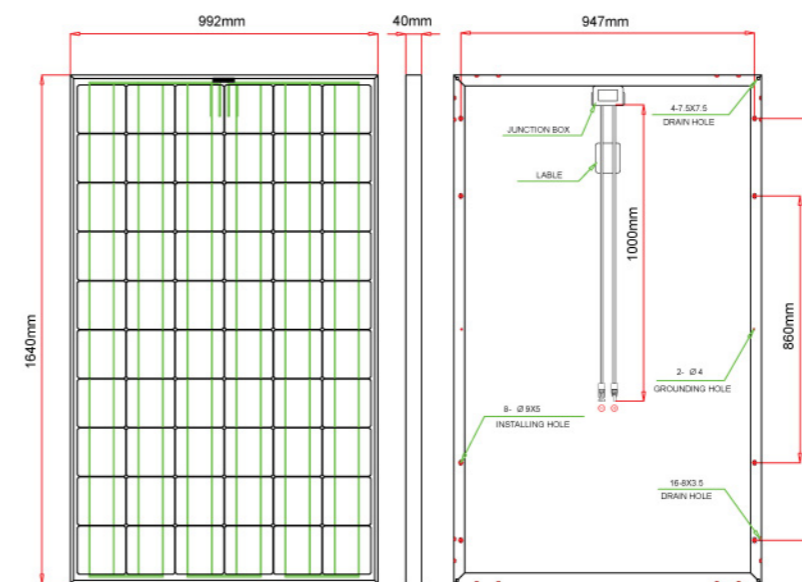
10-year
90% power output

25-year
80% power output



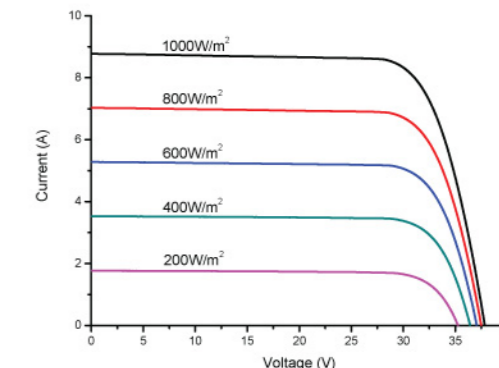
235W, 240W, 245W, 250W

Dimension



Drawing Only for Reference

I-V Curves



Efficiency at Varied Irradiation

Irradiance	200W/m ²	400W/m ²	600W/m ²	800W/m ²	1000W/m ²
Efficiency	15.3%	15.6%	15.6%	15.5%	15.4%

Electrical Characteristics	JC235S-24/Bb	JC240S-24/Bb	JC245S-24/Bb	JC250S-24/Bb
Maximum Power (Pmax)	235 W	240 W	245 W	250 W
Power Tolerance	±3%	±3%	±3%	±3%
Module Efficiency	14.46%	14.78%	15.08%	15.38%
Maximum Power Current (Imp)	7.98 A	8.16 A	8.17 A	8.26 A
Maximum Power Voltage (Vmp)	29.5 V	29.5 V	30.0 V	30.3 V
Short Circuit Current (Isc)	8.56 A	8.71 A	8.72 A	8.78 A
Open Circuit Voltage (Voc)	37.2 V	37.2 V	37.8 V	37.8 V

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

Temperature Coefficient	Mechanical Characteristics		
Temperature Coefficient of Voc	-0.3109%/°C	Cell Type	156 x 156 mm Monocrystalline, 60 (6 x 10) pcs in series
Temperature Coefficient of Isc	0.0348%/°C	Glass	High Transmission, Low Iron, Tempered Glass
Temperature Coefficient of Pmax	-0.4310%/°C	Frame	Anodized Aluminum Alloy
Nominal Operating Cell Temperature (NOCT)	45°C±2°C	Junction Box	IP65 rated, with bypass diodes
		Dimension	*1640 x 992 x 40 mm
		Cable Length	1000 mm
		Weight	20 Kg
		Installation Hole Location	See Drawing Above

Maximum Ratings	Packing Information				
Operating Temperature	-40 °C to +85 °C	Container	20'GP	40'GP	40'HQ
Maximum System Voltage	1000VDC (EU) / 600VDC (US)	Pallets per Container	12	28	28
Maximum Series Fuse Rating	20A(EU)/ 15A(US)	Pieces per Container	300	700	770