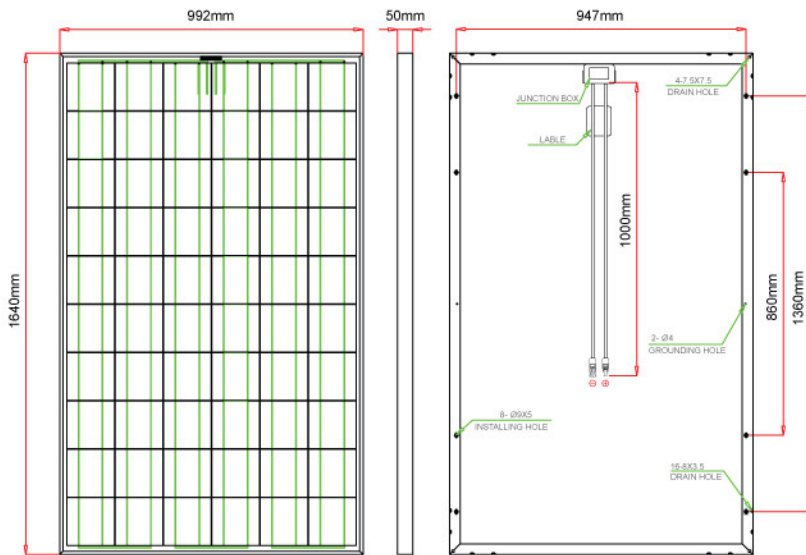
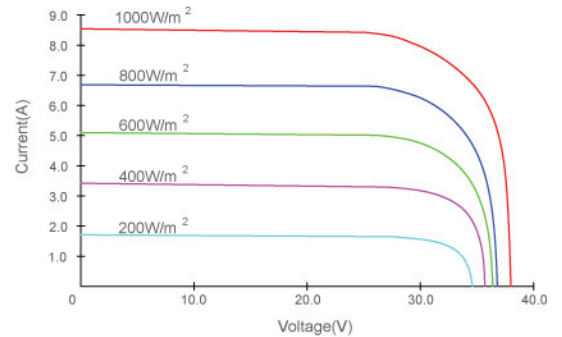


Dimension



Drawing Only for Reference

I-V Curves



Packing Information

Container	20'GP	40'GP	40'HQ
Pieces per Pallet	20	20	22
Pallets per Container	12	28	28
Pieces per Container	240	560	616

Electrical Characteristics

Electrical Characteristics	JC220M-24/Bb	JC230M-24/Bb	JC240M-24/Bb
Maximum Power (Pmax)	220W	230W	240W
Power Tolerance	±3%	±3%	±3%
Module Efficiency	13.52%	14.14%	14.75%
Maximum Power Current (Imp)	7.64A	7.90A	8.11A
Maximum Power Voltage (Vmp)	28.8V	29.1V	29.6V
Short Circuit Current (Isc)	8.01A	8.27A	8.55A
Open Circuit Voltage (Voc)	37.1V	37.3V	37.4V

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

Temperature Coefficient

Temperature Coefficient of Voc	-0.3002%/°C
Temperature Coefficient of Isc	0.0414%/°C
Temperature Coefficient of Pmax	-0.4002%/°C
Nominal Operating Cell Temperature (NOCT)	45°C±2°C

Mechanical Characteristics

Cell Type	156 x 156mm Polycrystalline, 60(6x10) pcs in series
Glass	High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP65 rated, with bypass diodes
Dimension	*1640x992x50mm
Cable Length	1000mm
Weight	20Kg
Installation Hole Location	See Drawing Above

Maximum Ratings

Operating Temperature	-40°C to +85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	15A