

ELECTRICAL CHARACTERISTICS

CELL TYPE	125×125 MONOCRYSTALLINE SILICON						
ITEM	JT-155M	JT-160M	JT-165M	JT-170M	JT-175M	JT180M	JT185M
Maximum Power (Pm)	155W	160W	165W	170W	175W	180W	185W
Maximum Power Voltage (Vm)	34.5V	34.8V	35.2V	35.5V	35.8V	36.2V	36.5V
Maximum Power Current (Im)	4.50A	4.60A	4.69A	4.79A	4.89A	4.97A	5.07A
Open circuit Voltage (Voc)	43.5V	43.8V	44.0V	44.2V	44.4V	44.6V	44.8V
Short circuit Current (Isc)	5.03A	5.15A	5.25A	5.36A	5.47A	5.57A	5.68A
Cell Efficiency (%)	14.5%	15.0%	15.50%	16.00%	16.50%	17.00%	17.5%
Module Efficiency (%)	12.1%	12.5%	12.9%	13.3%	13.7%	14.1%	14.5%
Maximum Series Fuse	10A						
Number of cells	72(6×12)						
Number of Bypass Diodes	3						
Maximum system voltage	1000 VDC						
Normal Operating Cell Temperature (NOCT)	47±2℃						
Temperature coefficients of Pm	-0.52%/℃						
Temperature coefficients of Voc	-0.355%/℃						
Temperature coefficients of Isc	0.638%/℃						
Output tolerance (%)	±3%						
FF (%)	≥73%						
Standard Test conditions	STC: AM 1.5, 1000w/m ² , Module Temperature 25℃						

MECHANICAL CHARACTERISTICS

Size of module	1581×809×45 mm
Installing hole	945×765 mm
Weight per piece	16.0 kg
Cable type and Length	4m ² , 900 mm
Type of Connector	Type IV

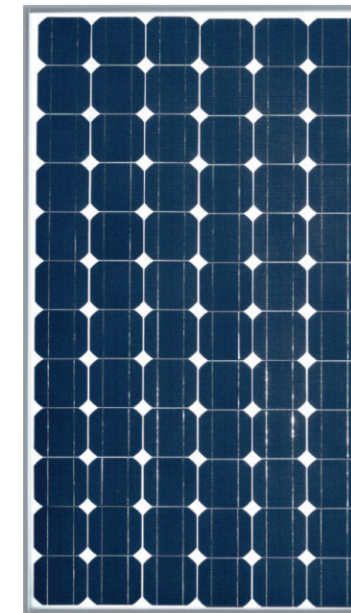
PACKING CONFIGURATION

Packing Configuration	2 pcs per carton
Quantity/Pallet	22 cartons/pallet
Loading Capacity	616 pcs/40ft; 308 pcs/20ft

ABSOLUTE MAXIMUM RATINGS

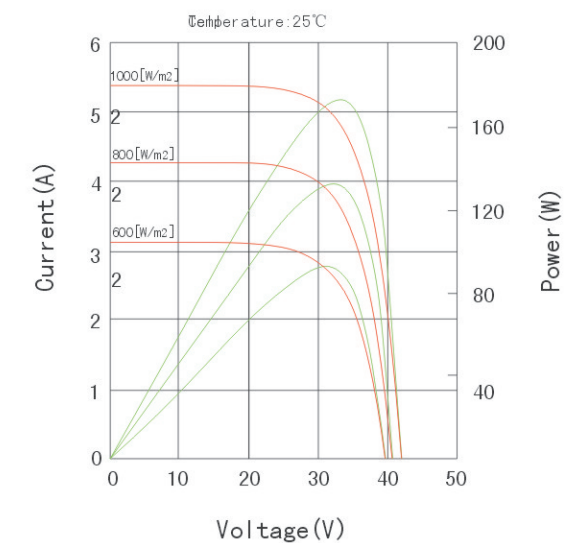
Operating Temperature	-40℃— +85℃
Storage Temperature	-40℃— +85℃
Dielectric Insulation Voltage	3000 VDC max

Picture



I-V Curve

I-V Curves of PV module JT-175M



Dimensions

