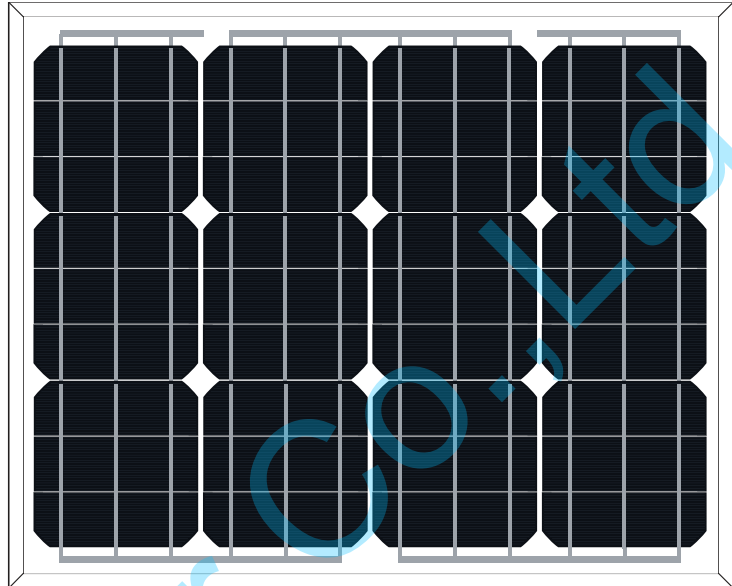# JST MODULE

JST55M(36) 55W

High conversion efficiency
High module efficiency to guarantee power output.

Self-cleaning glass
Coating glass for self-cleaning, reduce surface dust.

Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.
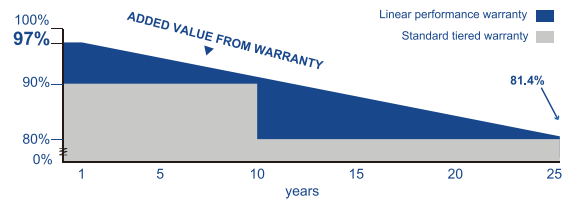
Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

0 to +5W
0 to +5W positive tolerance
Detailed information in Electrical Specifications.

48
48-hour response service

ADDED VALUE FROM WARRANTY

Linear performance warranty
Standard tiered warranty

100%
97%
90%
80%
0%
81.4%
1   5   10   15   20   25
years

25
25-year performance warranty

10
10-year warranty on materials and workmanship

IEC 61215 Ed.2
IEC 61730
UL 1703

BABT8510

ELECTRICAL DATA

Model Type	JST55M(36)
Peak Power (Pmax)	55W
Module Efficiency	13.23%
Maximum Power Volage (Vmp)	17.5V
Maximum Power Current (Imp)	3.14A
Open Circuit Voltage (Voc)	22.7V
Short Circuit Current (Isc)	3.27A
Brand	JUST
Maximum System Voltage	1000V
Nominal Operating Cell Temperature	44.4±2°C
Maximum Series Fuse Rating	15A

MECHNICAL DATA

Cell Type	156×156mm
Number of Cells	36 (9×4)
Weight	5kg
Dimension	625×665×30mm
Max Load	5400 Pascals
Junction Box	IP67 rated MC4
Connector	Compatible PV
Wire Type	Wire

TEMPERATURE CHARACTERISTICS

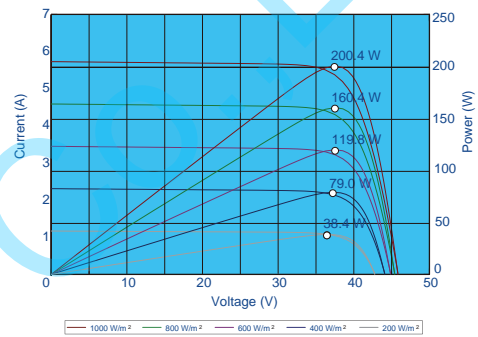|	
Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.34% /°C
Temp. Coeff of Pmax (TK Pmax)	-0.44% /°C

PACKING MANNER

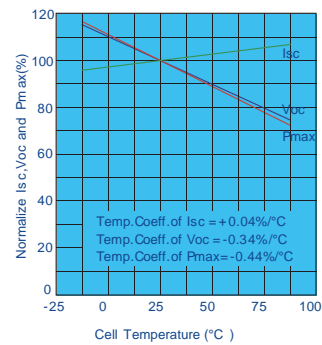| Container	20' GP	40' GP
Pieces per Pallet	26	26
Pieces per Container	1000	2000

PHYSICAL CHARACTERISTICS
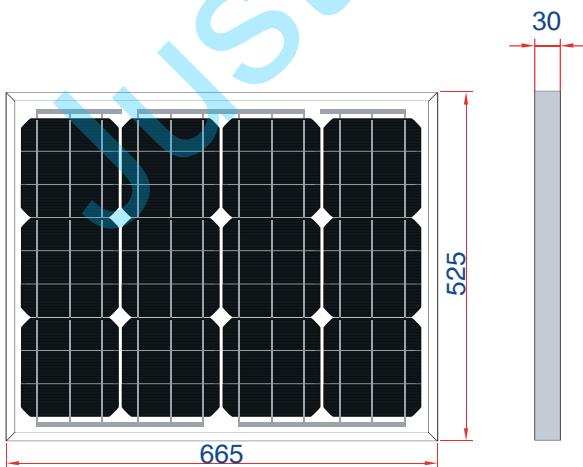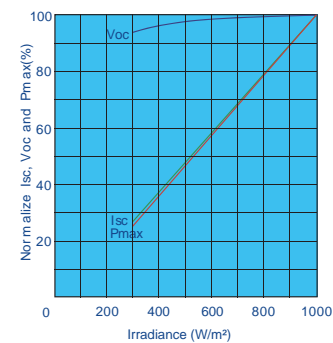

ELECTRICAL CHARACTERISTICS

Current-Voltage & Power-Voltage Curve
(AM1.5, Cell Temperature 25°C)

Temperature Depencence of Isc, Voc and Pmax

Irradiance Dependence of Isc, Voc and Pmax
(Cell Temperature: 25°C)