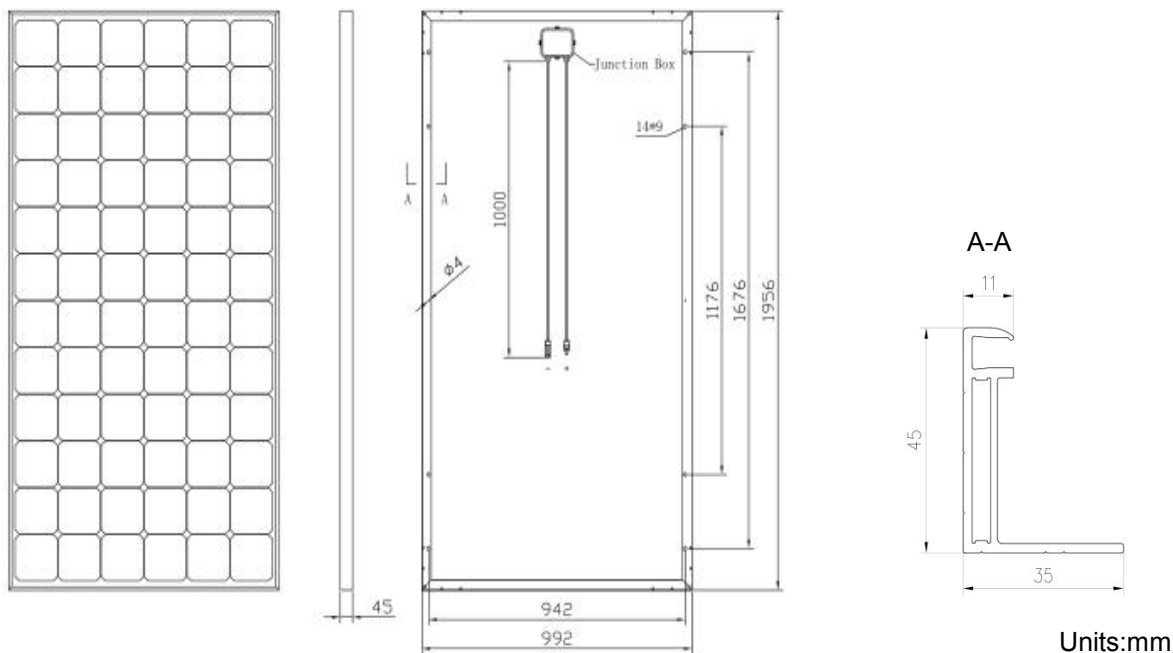


JST340M-24  
JST330M-24  
JST320M-24

JST310M-24  
JST300M-24  
JST290M-24

### Engineering Drawings



Units:mm

### MECHANICAL PARAMETERS

Cell(mm)	Mono 156×156
Weight(kg)	23
Dimensions(L×W×H)(mm)	1956×992×45
Cable Cross Section Size(mm <sup>2</sup> )	4
No. of Cells and Connections	72(6×12)
Junction Box	IP67,3diodes
Connector	MC4 Compatible
Packaging Configuration	23 Per Pallet

### WORKING CONDITIONS

Maximum System Voltage	DC 1000V(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	15A
Maximum Static Load,Front(e.g.,snow and wind)	5400Pa(112 lb/ft <sup>2</sup> )
Maximum Static Load,Back(e.g.,wind)	2400Pa(50 lb/ft <sup>2</sup> )
NOCT	45±2°C
Application Class	Class A

### ELECTRICAL PARAMETERS

TYPE	JST290M-24	JST300M-24	JST310M-24	JST320M-24	JST330M-24	JST340M-24
Rated Maximum Power at STC(W)	290	300	310	320	330	340
Open Circuit Voltage (Voc/V)	44.8	45.2	45.5	45.8	46.3	46.6
Maximum Power Voltage(Vmp/V)	36.4	36.8	37.0	37.3	37.6	37.9
Short Circuit Current(Isc/A)	8.60	8.80	9.05	9.27	9.48	9.69
Maximum power Current(Imp/A)	7.97	8.15	8.38	8.58	8.78	8.97
Module Efficiency(%)	14.95	15.46	15.98	16.49	17.01	17.52
Power Tolerance(W)			-0~+5W			
Temperature Coefficient of Isc (αIsc)			+0.059%/°C			
Temperature Coefficient of Voc(βVoc)			-0.330%/°C			
Temperature Coefficient of Pmax (γPmp)			-0.410%/°C			
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5					

### I-V CURVE

