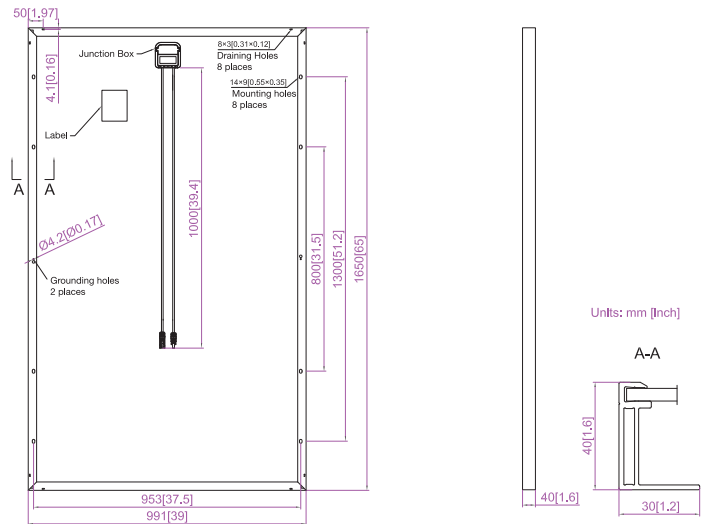
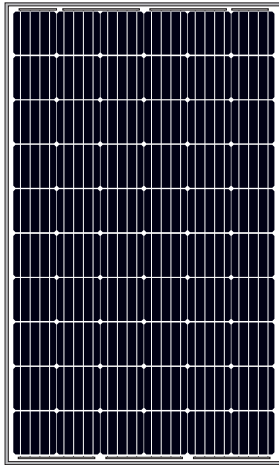


## Engineering Drawings



### MECHANICAL PARAMETERS

Cell (mm)	Almost Full Square Mono 156x156
Weight (kg)	18.2 (approx)
Dimensions (L×W×H) (mm)	1650×991×40
Cable Cross Section Size (mm <sup>2</sup> )	4
No. of Cells and Connections	60 (6×10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	26 Per Pallet

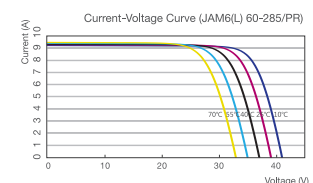
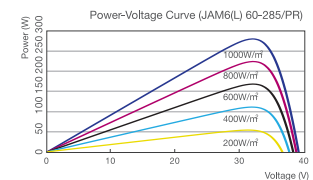
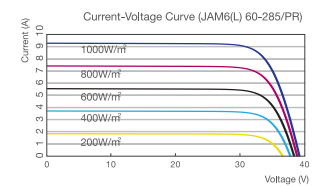
### WORKING CONDITIONS

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

### ELECTRICAL PARAMETERS

TYPE	JAM6(L) 60-275/PR	JAM6(L) 60-280/PR	JAM6(L) 60-285/PR	JAM6(L) 60-290/PR	JAM6(L) 60-295/PR
Rated Maximum Power at STC (W)	275	280	285	290	295
Open Circuit Voltage (Voc/V)	38.86	39.05	39.25	39.46	39.64
Maximum Power Voltage (Vmp/V)	31.51	31.68	31.85	32.07	32.29
Short Circuit Current (Isc/A)	9.27	9.36	9.45	9.56	9.67
Maximum Power Current (Imp/A)	8.72	8.84	8.97	9.11	9.23
Module Efficiency [%]	16.82	17.12	17.43	17.74	18.04
Power Tolerance (W)	-0~+5W				
Temperature Coefficient of Isc (αIsc)	+0.060%/°C				
Temperature Coefficient of Voc (βVoc)	-0.300%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.390%/°C				
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5				

### I-V CURVE



### NOCT

TYPE	JAM6(L) 60-275/PR	JAM6(L) 60-280/PR	JAM6(L) 60-285/PR	JAM6(L) 60-290/PR	JAM6(L) 60-295/PR
Max Power (Pmax) [W]	201.05	204.71	208.36	212.02	215.67
Open Circuit Voltage (Voc) [V]	36.02	36.18	36.35	36.47	36.63
Max Power Voltage (Vmp) [V]	28.48	28.63	28.70	28.89	29.07
Short Circuit Current (Isc) [A]	7.54	7.62	7.71	7.79	7.87
Max Power Current (Imp) [A]	7.06	7.15	7.26	7.34	7.47
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m <sup>2</sup> , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				