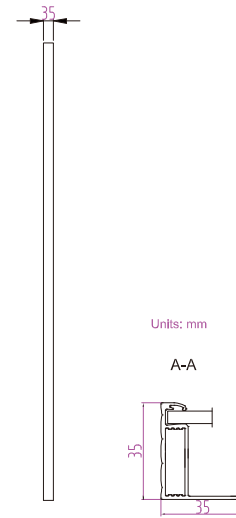
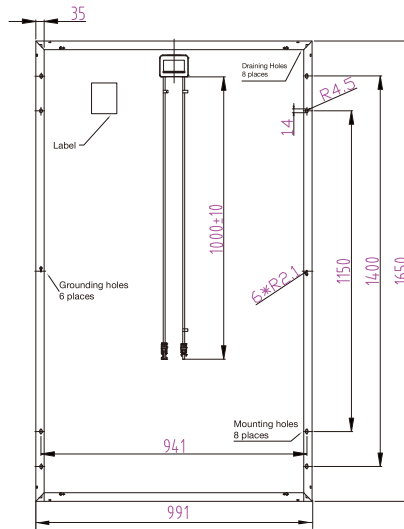
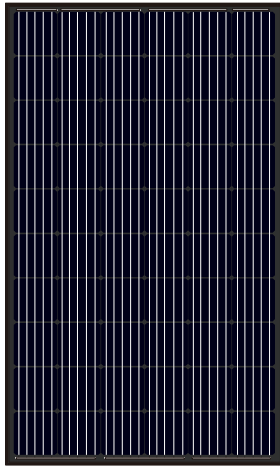


MECHANICAL DIAGRAMS



Units: mm

A-A

SPECIFICATIONS

Cell	Mono 156.75x156.75mm
Weight	18.2kg±3%
Dimensions	1650×991×35mm
Cable Cross Section Size	4mm ²
No. of cells	60 (6×10)
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	30 Per Pallet

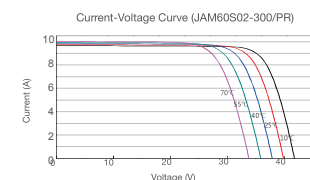
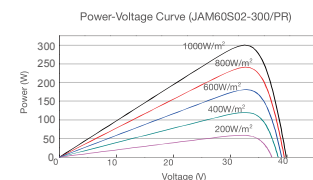
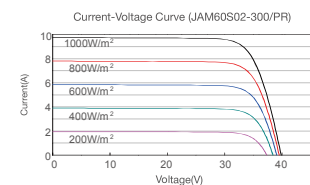
OPERATING CONDITIONS

Maximum System Voltage	1000V DC (IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	20A
Maximum Static Load, Front Maximum Static Load, Back	5400Pa 2400Pa
NOCT	45±2°C
Application Class	Class A

ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S02 -280/PR	JAM60S02 -285/PR	JAM60S02 -290/PR	JAM60S02 -295/PR	JAM60S02 -300/PR
Rated Maximum Power (Pmax) [W]	280	285	290	295	300
Open Circuit Voltage (Voc) [V]	39.05	39.25	39.46	39.64	39.85
Maximum Power Voltage (Vmp) [V]	31.60	31.70	31.80	32.03	32.26
Short Circuit Current (Isc) [A]	9.38	9.46	9.57	9.66	9.75
Maximum Power Current (Imp) [A]	8.86	8.99	9.12	9.21	9.30
Module Efficiency [%]	17.12	17.43	17.74	18.04	18.35
Power Tolerance	-0~+5W				
Temperature Coefficient of Isc (α _{Isc})	+0.06%/°C				
Temperature Coefficient of Voc (β _{Voc})	-0.300%/°C				
Temperature Coefficient of Pmax (γ _{Pmp})	-0.390%/°C				
STC	Irradiance 1000W/m ² , cell temperature 25 °C, AM 1.5G				

CHARACTERISTICS



ELECTRICAL PARAMETERS AT NOCT

TYPE	JAM60S02 -280/PR	JAM60S02 -285/PR	JAM60S02 -290/PR	JAM60S02 -295/PR	JAM60S02 -300/PR
Max Power (Pmax) [W]	205	209	213	217	221
Open Circuit Voltage (Voc) [V]	35.92	36.11	36.34	36.57	36.75
Max Power Voltage (Vmp) [V]	29.17	29.37	29.56	29.63	29.69
Short Circuit Current (Isc) [A]	7.45	7.53	7.61	7.69	7.78
Max Power Current (Imp) [A]	7.04	7.13	7.21	7.32	7.43
NOCT	Irradiance 800 W/m ² , ambient temperature 20 °C, wind speed 1 m/s, AM 1.5G				