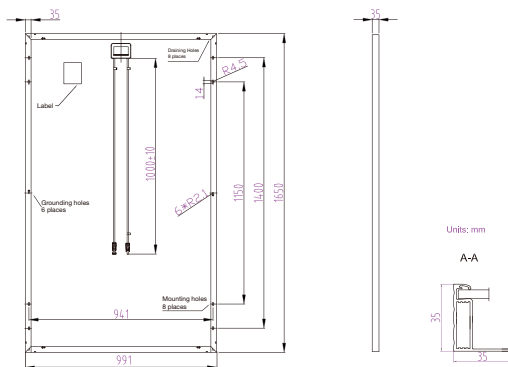
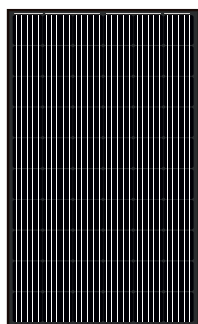


## MECHANICAL DIAGRAMS



## SPECIFICATIONS

Cell	Mono 156.75x156.75mm
Weight	18.2kg±3%
Dimensions	1650x991x35mm
Cable Cross Section Size	4mm <sup>2</sup>
No. of cells	60 (6x10)
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	5400Pa
Maximum Static Load, Back	2400Pa
NOCT	45±2°C
Application Class	Class A

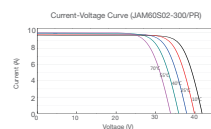
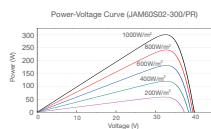
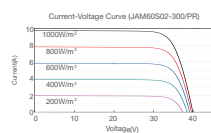
## ELECTRICAL PARAMETERS AT STC

TYPE	JAM60S02 ~285/PR	JAM60S02 ~290/PR	JAM60S02 ~295/PR	JAM60S02 ~300/PR	JAM60S02 ~305/PR
Rated Maximum Power (P <sub>max</sub> ) [W]	285	290	295	300	305
Open Circuit Voltage (V <sub>oc</sub> ) [V]	39.25	39.46	39.64	39.85	40.05
Maximum Power Voltage (V <sub>mp</sub> ) [V]	31.70	31.80	32.03	32.26	32.57
Short Circuit Current (I <sub>sc</sub> ) [A]	9.46	9.57	9.66	9.75	9.85
Maximum Power Current (I <sub>mp</sub> ) [A]	8.99	9.12	9.21	9.30	9.37
Module Efficiency [%]	17.43	17.74	18.04	18.35	18.65
Power Tolerance	-0~+5W				
Temperature Coefficient of I <sub>sc</sub> (α <sub>Isc</sub> )	+0.060%/°C				
Temperature Coefficient of V <sub>oc</sub> (β <sub>Voc</sub> )	-0.300%/°C				
Temperature Coefficient of P <sub>max</sub> (γ <sub>Pmp</sub> )	-0.390%/°C				
STC	Irradiance 1000W/m <sup>2</sup> , cell temperature 25°C, AM 1.5G				

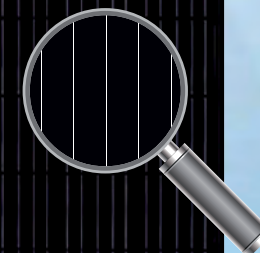
## ELECTRICAL PARAMETERS AT NOCT

TYPE	JAM60S02 ~285/PR	JAM60S02 ~290/PR	JAM60S02 ~295/PR	JAM60S02 ~300/PR	JAM60S02 ~305/PR
Max Power (P <sub>max</sub> ) [W]	209	213	217	221	224
Open Circuit Voltage (V <sub>oc</sub> ) [V]	36.11	36.34	36.57	36.75	36.95
Max Power Voltage (V <sub>mp</sub> ) [V]	29.37	29.56	29.63	29.69	29.90
Short Circuit Current (I <sub>sc</sub> ) [A]	7.53	7.61	7.69	7.78	7.86
Max Power Current (I <sub>mp</sub> ) [A]	7.13	7.21	7.32	7.43	7.50
NOCT	Irradiance 800W/m <sup>2</sup> , ambient temperature 20°C, wind speed 1 m/s, AM 1.5G				

## CHARACTERISTICS



## 305W Mono Si 60Cells



Percium

# Harvest the Sunshine

Premium Cells, Premium Modules

