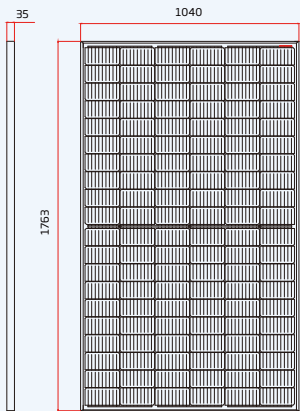
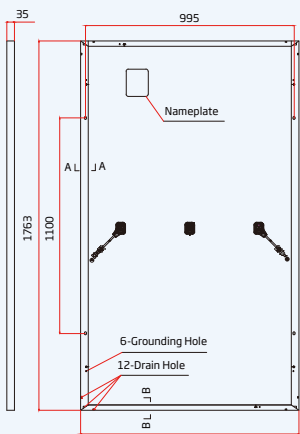


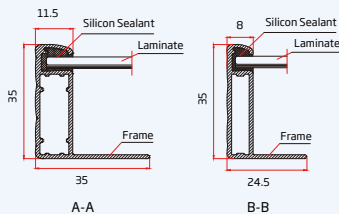
### DIMENSIONS OF PV MODULE(mm)



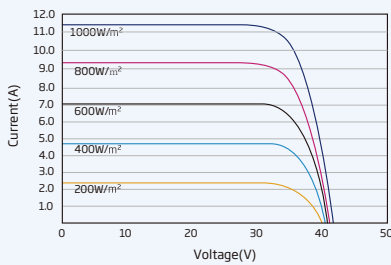
Front View



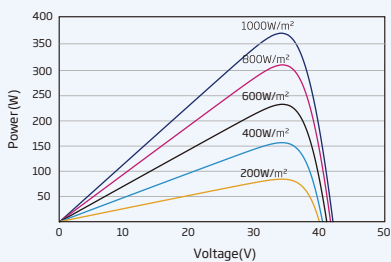
Back View



### I-V CURVES OF PV MODULE(370W)



### P-V CURVES OF PV MODULE(370W)



### ELECTRICAL DATA (STC)

Peak Power Watts- $P_{MAX}$ (Wp)*	360	365	370	375	380
Binning Tolerance- $P_{MAX}$ (W)	0 ~ +5				
Maximum Power Voltage- $V_{MPP}$ (V)	33.6	33.9	34.2	34.4	34.7
Maximum Power Current- $I_{MPP}$ (A)	10.70	10.76	10.82	10.89	10.96
Open Circuit Voltage- $V_{OC}$ (V)	40.7	41.0	41.3	41.6	41.9
Short Circuit Current- $I_{SC}$ (A)	11.24	11.30	11.37	11.45	11.52
Module Efficiency $\eta_m$ (%)	19.6	19.9	20.2	20.5	20.7

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.  
\*Measuring tolerance: ±3%.

### ELECTRICAL DATA (NMOT)

Maximum Power- $P_{MAX}$ (Wp)	272	276	280	283	288
Maximum Power Voltage- $V_{MPP}$ (V)	31.7	32.0	32.2	32.4	32.7
Maximum Power Current- $I_{MPP}$ (A)	8.57	8.62	8.67	8.73	8.80
Open Circuit Voltage- $V_{OC}$ (V)	38.4	38.7	39.0	39.3	39.5
Short Circuit Current- $I_{SC}$ (A)	9.05	9.10	9.15	9.22	9.27

NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s.

### MECHANICAL DATA

Solar Cells	Monocrystalline
Cell Orientation	120 cells (6×20)
Module Dimensions	1763×1040×35 mm (69.41×40.94×1.38 inches)
Weight	20.0 kg (44.1 lb)
Glass	3.2mm (0.13 inches), High Transmission, AR Coated Heat Strengthened Glass
Encapsulant Material	EVA
Backsheet	White
Frame	35 mm (1.38 inches) Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 4.0mm <sup>2</sup> (0.006 inches <sup>2</sup> ), Portrait: N 280mm/P 280mm(11.02/11.02inches) Landscape: N 1200 mm /P 1200 mm (47.24/47.24 inches)
Connector	PV-KBT4(female),PV-KST4(male) /TS4

### TEMPERATURE RATINGS

NMOT(Nominal Module Operating Temperature)	41 C (±3 C)
Temperature Coefficient of $P_{MAX}$	-0.36%/C
Temperature Coefficient of $V_{OC}$	-0.26%/C
Temperature Coefficient of $I_{SC}$	0.04%/C

(Do not connect Fuse in Combiner Box with two or more strings in parallel connection)

### WARRANTY

- 12 year Product Workmanship Warranty
- 25 year Power Warranty
- 2% first year degradation
- 0.55% Annual Power Attenuation

(Please refer to product warranty for details)

### MAXIMUM RATINGS

Operational Temperature	-40~+85 C
Maximum System Voltage	1000V DC (IEC)
Max Series Fuse Rating*	20A / 25A

\*Default 20A / 25A upon special request

### PACKAGING CONFIGURATION

- Modules per box: 30 pieces
- Modules per 40' container: 780 pieces