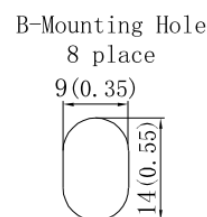
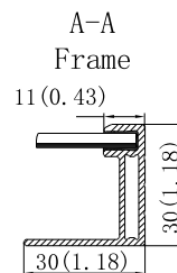
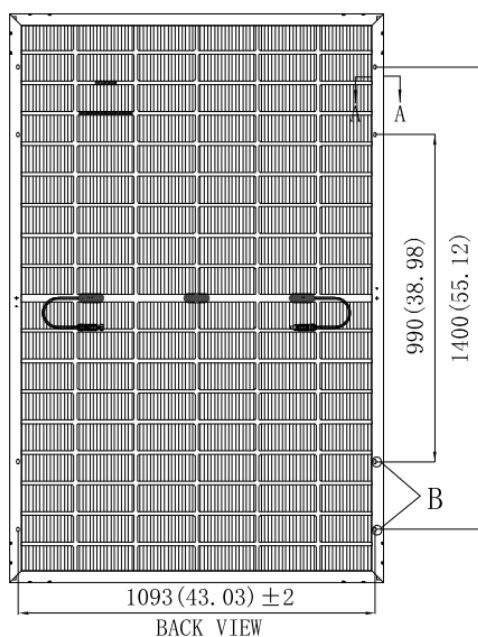
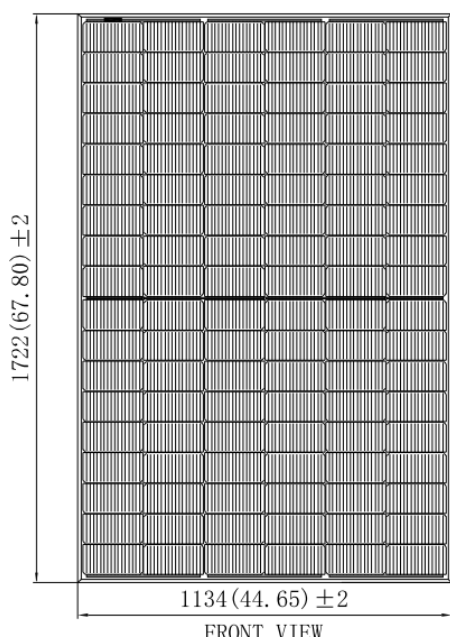


Note:mm (inch)



n Type Monocrystalline Solar Cell, 1/2-sized, 6×18 pcs

Electrical Data

Model Type	RT-T10BHDB54-430	RT-T10BHDB54-435	RT-T10BHDB54-440	RT-T10BHDB54-445	RT-T10BHDB54-450
Peak Power Rating (Pmax)[W]	430	435	440	445	450
Power Tolerance	0~5W	0~5W	0~5W	0~5W	0~5W
Peak Power Voltage (Vmp)[V]	32.88	33.13	33.37	33.61	33.87
Peak Power Current (Imp)[A]	13.08	13.13	13.18	13.24	13.29
Open Circuit Voltage (Voc)[V]	38.84	39.12	39.38	39.64	39.92
Short Circuit Current (Isc)[A]	13.75	13.8	13.85	13.9	13.96
Module Efficiency (%)	22.0	22.2	22.5	22.7	23.0

*Standard Test Conditions (STC): irradiance 1,000 W/m²; AM 1.5; module temperature 25°C. Pmax Sorting : 0~5W. Measuring Tolerance: ±3%.

**Remark: Electrical data do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types.

Features

Dimension [L x W x H] (mm)	1722±2 x 1134±2 x 30±1
Junction Box	IP68, 3diodes
Cable length (Including connector)	Length: 1.2 m(+) / 1.2 m(-) , Ø4.0mm ²
Weight	About 24.7 Kg
Warranty	Module body: 12 Years 87.4% Output Power: 30 Years



Operating Condition

Maximum System Voltage	1500V DC
Environmental Operating Temperature	-40~85 °C
Series Fuse Rating	30A
Fire Safety Class	Class C
Safety Class	Class II
Bifaciality*	80% ± 10%
Maximum Static Load	Front 5400Pa / Back 2400Pa

*bifaciality=Pmax, rear / Rated Pmax, front

Thermal Characteristics

NOCT (Nominal Operating Cell Temperature)	45 ± 2°C
Temperature Coefficient of Isc(Short Circuit Current) α	+0.050 %/°C
Temperature Coefficient of Voc (Open Circuit Voltage) β	-0.24 %/°C
Temperature Coefficient of Pmax (Peak Power) γ	-0.29%/°C

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