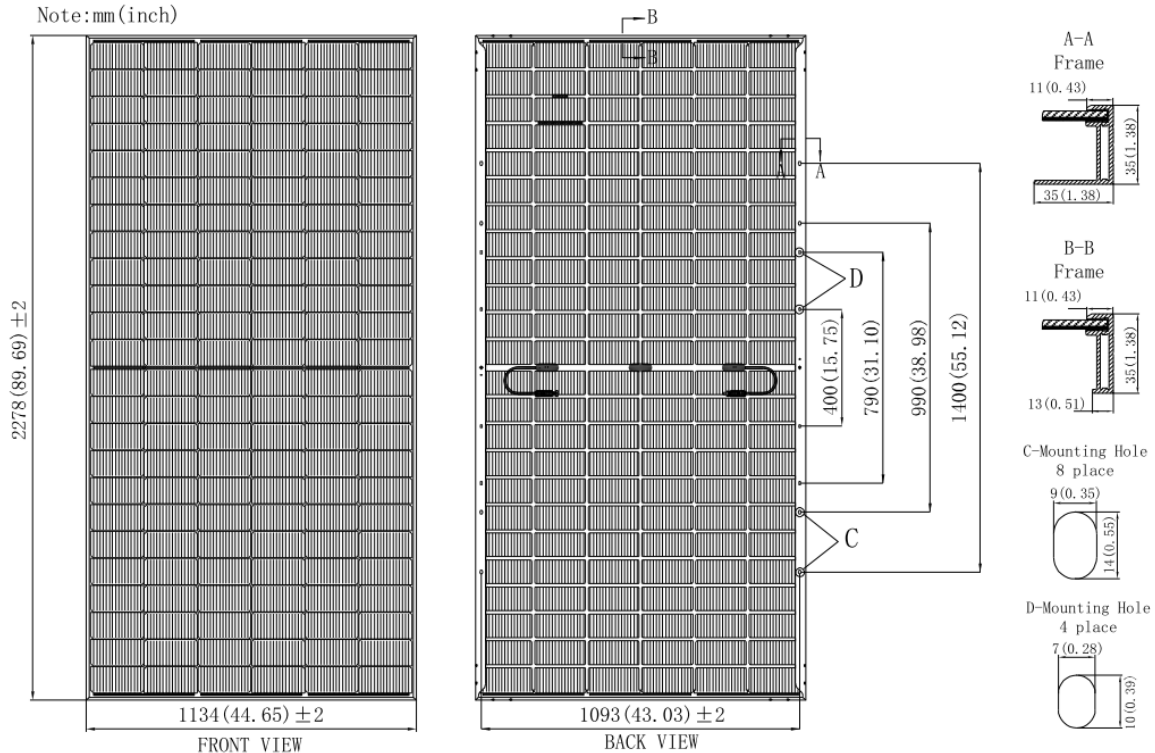




n Type Monocrystalline Solar Cell, 1/2-sized, 6×24 pcs

Electrical Data

Model Type	RT-T10BHDB72-580	RT-T10BHDB72-585	RT-T10BHDB72-590	RT-T10BHDB72-595	RT-T10BHDB72-600
Peak Power Rating (Pmax)[W]	580	585	590	595	600
Power Tolerance	0~5W	0~5W	0~5W	0~5W	0~5W
Peak Power Voltage (Vmp)[V]	44.08	44.29	44.5	44.71	44.92
Peak Power Current (Imp)[A]	13.16	13.21	13.26	13.31	13.36
Open Circuit Voltage (Voc)[V]	52.02	52.25	52.48	52.69	52.9
Short Circuit Current (Isc)[A]	13.83	13.88	13.93	13.98	14.03
Module Efficiency (%)	22.4	22.6	22.8	23.0	23.2

*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)	2278±2 x 1134±2 x 35±1
Junction Box	IP68, 3diodes
Cable length (not including connector)	Length: 1.4 m(+) / 1.4 m(-) , Φ4.0mm ²
Weight	About 32.7 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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