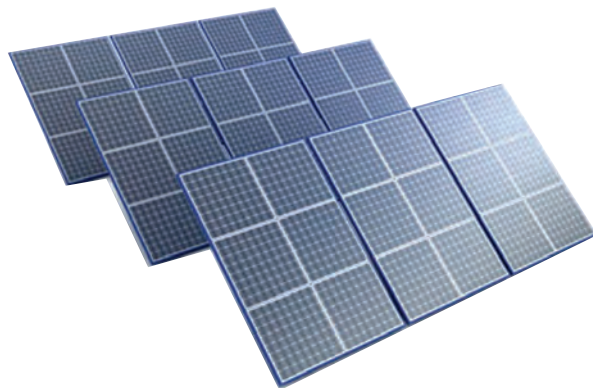




Capture the Sun



TRONTEK Solar Module Features

1. Trontek Solar module is designed in consistent with IEC 61215 standards, manufactured with proven materials and tested to ensure the stable output power and more than 25 years guarantee of service performance.
2. For each 18 and 36 cells series. one bypass diode is installed to avoid "hot spot"effect.
3. SiN/TiO2 Films deposited on the front surface by PECVD acts as anti-reflection coating and gives a uniform dark blue appearance.
4. Cells are laminated between high Transmissivity low- iron 3.2mm tempered glass and sheet of TPT material by two sheets of EVA to prevent moisture penetrating into the module.
5. Heavy duty anodized aluminium frame provides high wind resistance and convenient mounting access.
6. Water - proof versatile junction box provides flexibility of connection.
7. Each piece of module passes the strict appearance check and Performance test which guarantee the high quality level.

Insulation > 100MW Voltage Standoff: AC2000V DC3000V

Wind Bearing > 120km/h System Voltage 1000V

Impact Resistance Hit Impact Test (225gsteel ball drop from height of 100cm

Power output tolerance: ± 5% Testing condition: AM1.5,100w/m², 25 Degree Celsius

Poly -Crystalline Solar Modules

Power Watt	SIZE	THICKNESS	Voc (V)	Vm (V)	Short Circuit Current (ISC)(AMPS)	Max Power Current (MP)(AMPS)	MODULE WT (Kg)
3	185*185MM	17MM	10	8.7	0.38	0.35	0.55
3	218*188MM	17MM	10	8.7	0.38	0.35	0.65
4	235*200MM	17MM	10	8.7	0.5	0.46	0.7
4	270*200MM	17MM	10	8.7	0.5	0.46	0.75
5	290*200MM	17MM	10	8.8	0.66	0.58	0.9
5	345*215MM	17MM	20	17.7	0.36	0.3	1
8	355*255MM	23MM	21	17.7	0.4	0.46	1.5
10	405*295MM	23MM	21	17.7	0.57	0.51	1.9
10	390*340MM	23MM	21	17.7	0.67	0.61	1.8
10	470*300MM	23MM	21	17.7	0.67	0.61	2
15	500*400MM	25MM	21	17.7	0.94	0.85	2.8
15	660*295MM	25MM	21	17.7	0.94	0.85	3
18	710*330MM	25MM	21	17.7	1.11	1.01	3.3
20	740*350MM	25MM	21	17.7	1.35	1.22	3.8
30	670*450MM	25MM	21	17.7	1.87	1.7	5
37	670*570MM	25MM	21	17.7	2.32	2.1	5.5
40	740*660MM	30MM	21	17.7	2.49	2.26	6.8
50	990*540MM	35MM	21	17.7	3.15	2.83	9
50	1200*540MM	35MM	21	17.7	3.15	2.83	11.5
100	1205*670MM	35MM	21	17.7	6.22	5.66	14
125	1475*675MM	35MM	21	17.7	7.7	7	17
200	1350*990MM	40MM	21	17.7	11	10	21
280	1956*992MM	50MM	21	17.7	16.24	15.81	30



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