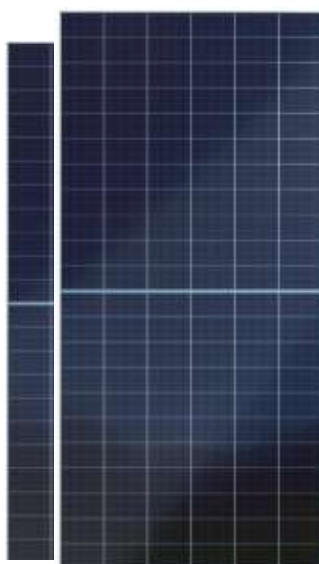


JT SGt 690-710W

Dual-glass Monocrystalline Solar Module

132 Cells / Mono TOPCon / 1500V DC / 22.86% Maximum Efficiency



KEY FEATURES



Leading TOPCon technology

MBB N-type TOPCon solar cell, maximum power output 710W
Better anti-LID & LETID performance



Highly reliable due to stringent quality control

Excellent PID resistance, 100% EL double inspection
In-house testing goes well beyond certification requirements



Excellent low light performance

Excellent low light performance on cloudy days
mornings and evenings



Certified to withstand the most challenging environment

2400 Pa wind load • 5400 Pa snow load • 25 mm hail stones at 82 km/h

QUALIFICATIONS & CERTIFICATES

- IEC 61215, IEC 61730, IEC 62941
- ISO 9001: Quality Management System
- ISO 14001: Environment Management System
- ISO 45001: Occupational Health and Safety

CLELO MATERIALS

Jiangsu Clelo Materials Technology Co., Ltd. is located in Changshu, known as the "Land of Blessings in Jiangnan." With years of product development experience, the company specializes in energy-saving and environmentally friendly solutions, upholding green, clean, and healthy values as its core principles.

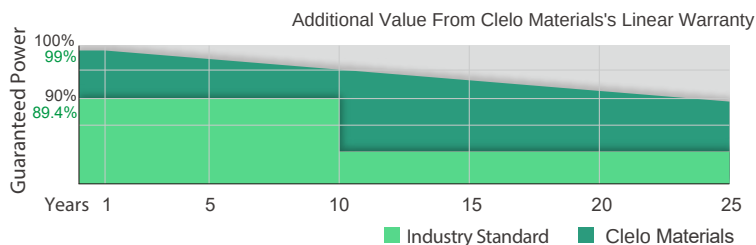
WARRANTY



Product
Warranty

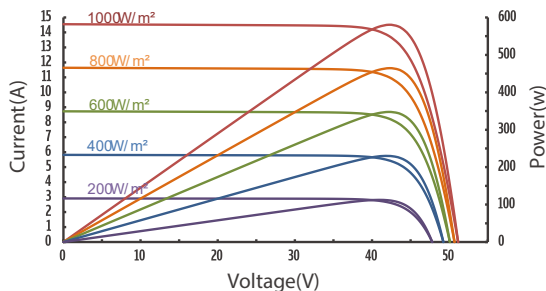


Performance
Warranty

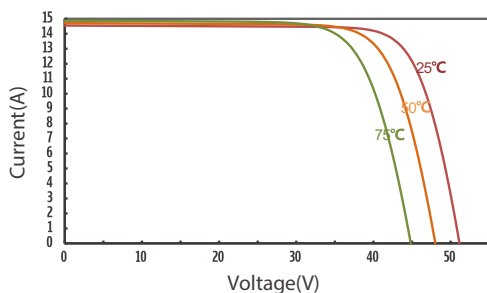


IV CURVES

IV Curves of JT575SGt at different irradiances



IV Curves of JT575SGt at different Temp



ELECTRICAL DATA *STC

TYPE (Tolerance: 0 - +5W)	JT690SGt	JT695SGt	JT700SGt	JT705SGt	JT710SGt
Maximum Power Pmax (W)	690	695	700	705	710
Maximum Power Voltage Vmp (V)	47.80	48.00	48.20	48.40	48.60
Maximum Power Current Imp (A)	18.30	18.40	18.48	18.52	18.57
Open Circuit Voltage Voc (V)	39.80	40.00	40.20	40.40	40.60
Short Circuit Current Isc (A)	17.34	17.38	17.41	17.45	17.49
Module Efficiency (%)	22.21%	22.37%	22.53%	22.7%	22.86%

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5

Measuring tolerance: ±3%

ELECTRICAL DATA *NMOT

	526	530	534	538	541
Maximum Power Pmax (W)	526	530	534	538	541
Maximum Power Voltage Vmp (V)	45.35	45.55	45.75	45.95	46.15
Maximum Power Current Imp (A)	14.70	14.78	14.82	14.86	14.91
Open Circuit Voltage Voc (V)	37.60	37.80	38.00	38.20	38.35
Short Circuit Current Isc (A)	13.99	14.02	14.05	14.08	14.11

NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

TEMPERATURE RATINGS

Temperature Coefficient of Isc (αIsc)	+0.045%/°C
Temperature Coefficient of Voc (βVoc)	-0.25%/°C
Temperature Coefficient of Pmax (γPmp)	-0.30%/°C
Normal Module Operating Temperature (NMOT)	42°C±2°C

OPERATING PARAMETERS

Maximum System Voltage	1500V/DC(IEC)
Operating Temperature	-40°C~+85°C
Maximum Series Fuse	25A
Maximum Test Load, Push/Pull	5400Pa/2400Pa
Conductivity at Ground	≤ 0.1Ω
Safety Class	II
Resistance	≥ 100MΩ
Voc and Isc Tolerance	±3%

MECHANICAL DATA

Solar Cell Type	N-type
Number of Cells	132 [2 x (11 x 6)]
Module Dimensions	2384×1303×33 (mm)
Weight	37.5 (kg)
Front Cover	2.0mm, high transmission, AR coated tempered glass
Back Cover	2.0mm, high transmission, AR coated tempered glass
Frame	Silver, anodized aluminium alloy
J-Box	≥ IP68
Cable	4.0 mm ² solar cable, 400mm(+)/200mm(-) or 350mm
Number of diodes	3

PACKAGING CONFIGURATION

Module per pallet	33pieces
Module per 40'HQ container	18 pallets, 594 pieces

DIMENSION

