



Solar Facade (for C&I building)

A New Photovoltaic Application for C&I Buildings

Ideal for C&I building facades such as factories, warehouses, and logistics centers.



Energy Efficiency Enhancement

Seamless incorporation into building structures
Innovative photovoltaic application



Fast and Easy Installation

Factory prefabrication
Modular construction assembly



Quality, Durability and Performance

Trinasolar's high-efficiency cells
Fire-, wind-, and weather-resistant



Industrial Aesthetics

Customizable colors and textures
Various frame options

PRODUCT SPECIFICATION



Module Dimensions	L2383*W767*D50mm (L93.82*W30.20*D1.97 inches)
Product Weight	41.0kg (90.39 lb)
Solar Cells	210R N-type TOPCon Monocrystalline
Front Glass	3.2mm(0.13 inches), High Transmission, AR Coated Heat Strengthened Glass
Back Sheet	Hot-Dip Zinc-Aluminum-Magnesium Alloy Coated Steel Sheet
Frame	Anodized Aluminum Alloy
Connector	TS4 Plus / MC4 / Other
Packaging Configuration	Modules per box:22 pieces Modules per 40'container:560 pieces

ELECTRICAL DATA (STC)

Peak Power Watts - P_{MAX} (Wp)	385	390	395	400
Power Tolerance - P_{MAX} (W)	±5			
Maximum Power Voltage - V_{MPP} (V)	26.2	26.4	26.6	27.1
Maximum Power Current - I_{MPP} (A)	14.68	14.76	14.83	14.77
Open Circuit Voltage - V_{OC} (V)	30.7	31.0	31.1	31.5
Short Circuit Current - I_{SC} (A)	15.65	15.66	15.67	15.71
Module Efficiency η_m (%)	21.1	21.3	21.6	21.9

STC(Standard Test Conditions); Air Mass AM1.5, Irrdiance1000W/m², Cell Temperature25°C / Measuring tolerance: ±3%

OPERATING CONDITION

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
Max Series Fuse Rating	30A
Max Front / Back Static Mechanical Load	+5400Pa/-2400Pa
Wind Load Resistance Performance	JGJ/T 473
Burning Behavior Class	Class A

TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	43°C (±2°C)
Temperature Coefficient of P_{MAX}	-0.29%/°C
Temperature Coefficient of V_{OC}	-0.24%/°C
Temperature Coefficient of I_{SC}	0.04%/°C

WARRANTY

2 Years Product Workmanship Warranty
25 Years Power Warranty
1% First year Degradation
0.4% Annual Power Attenuation

Please refer to product warranty for details

