

LONGi

LONGi
BRIGHT 3

Colored Active Building Material

Roof

Sunshading

Rainscreen Walls

Guardrail

Spandrel



EXQUISITE AESTHETICS, RADIANT ELEGANCE

Inspired design for architectural versatility, unlocking creative possibilities



HPBC 2.0 POWERS GREEN ENERGY WITH PREMIUM RETURNS

Maximized returns from installation to retirement, Exceptional energy output meets carbon reduction



PREMIUM TEXTURED FINISH FOR ARCHITECTURAL EXCELLENCE

Sophisticated embossed texture with anti-glare design



PATENTED ENCAPSULATION FOR EXCELLENCE AND SAFETY

Robust composite structure for superior durability
Rigorously certified to meet the highest industry standards
Architectural versatility for diverse installation scenarios



ARCHITECTURAL MODULAR DESIGN ALIGNS WITH BUILDING STANDARDS

Seamless modular integration for unlimited creative freedom

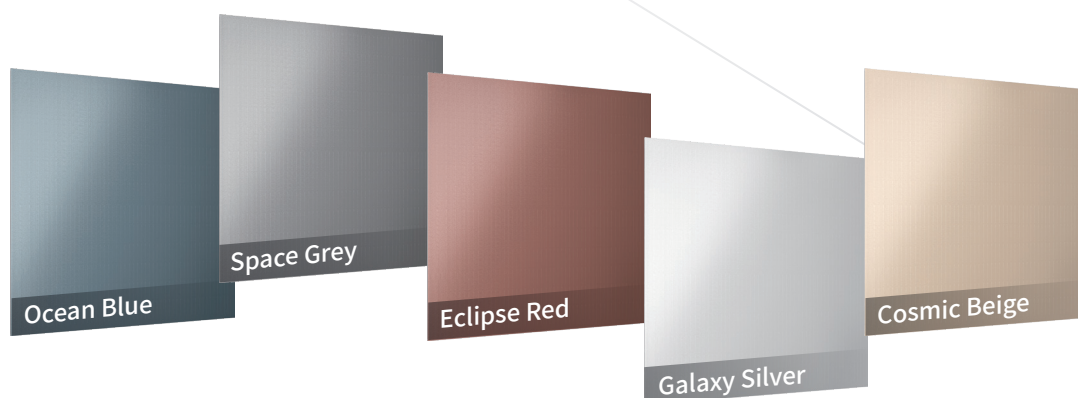


ARCHITECTURAL INTEGRATION CONSULTING SERVICES

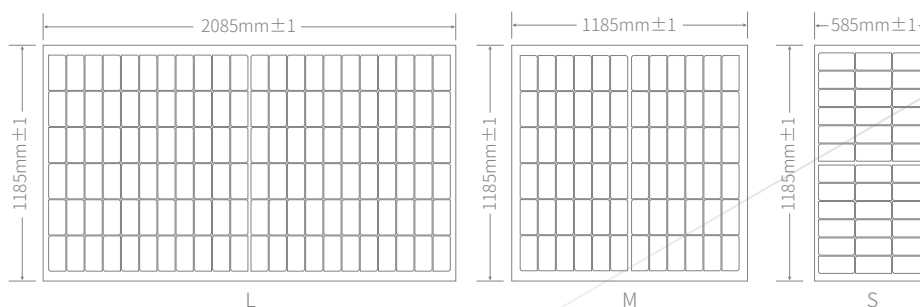
Expert engineering support for seamless solar integration






LONGi Bright: Colored Active Building Material

5 STANDARD COLORS



SIZE & WEIGHT



	Ocean Blue RGB-80, 88, 95	200-210W/m ²	195-205W/m ²	Thickness & Weight 5mm thick 2mm double-glazed model 12.40Kg/m² <small>This thickness is exclusive to the 72-cell size.</small> 8mm thick 3.2mm double-glazed model 17.97Kg/m² 13.6mm thick 6mm double-glazed model 31.97Kg/m²
	Space Grey RGB-114, 114, 115	180-190W/m ²	175-185W/m ²	
	Eclipse Red RGB-112, 82, 74	175-185W/m ²	170-180W/m ²	
	Galaxy Silver RGB-162, 166, 165	155-165W/m ²	150-160W/m ²	
	Cosmic Beige RGB-153, 134, 114	140-150W/m ²	135-145W/m ²	



Available in standard or custom colors
Customers submit pantone codes or
physical samples
*Module power scales with color depth.



Smart optimization
5%-30% performance gain from power
optimization
*Optimization efficacy scales with environmental
factors – greater shading yields higher gains



Custom filler panels for seamless
integration
Dummy panels adapt to architectural
edges & corners



Tailored dimensions
Offer precision customization
options

OPERATING PARAMETERS

Front /Rear Side Maximum Static Loading	+5400/-2400pa
Hailstone Test	Hailstone Diameter: 25-55mm Hailstone Weight: 7.53-80.2g Impact Velocity: 23-33.9m/s
Operational Temperature	-40~+85°C
Nominal Operating Cell Temperature	45±2°C
Fire Rating	Class A(13.6mm)/Class C(5mm,8mm)
Protection Class	Class II
Translucent version available	Opaque version available

ELECTRICAL CHARACTERISTICS

First year power degradztion	1.0%
Year 2-30 power degradztion	0.35%
25-year linear power output warranty	≥90.6%
Power Output Tolerance	0~+5W
Maximum System Voltage	DC1500IEC
Maximum Series Fuse Rating	30A
Temperature Coefficient of Pmax	-0.26%/°C

*The above parameters are for reference only