

LONGI
BRIGHT 3

Colored Active Building Material



EXQUISITE AESTHETICS, RADIANT ELEGANCE

Inspired design for architectural versatility, unlocking creative possibilities



PREMIUM TEXTURED FINISH FOR ARCHITECTURAL EXCELLENCE

Sophisticated embossed texture with anti-glare design



ARCHITECTURAL MODULAR DESIGN ALIGNS WITH BUILDING STANDARDS

Seamless modular integration for unlimited creative freedom



HPBC 2.0 POWERS GREEN ENERGY WITH PREMIUM RETURNS

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



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

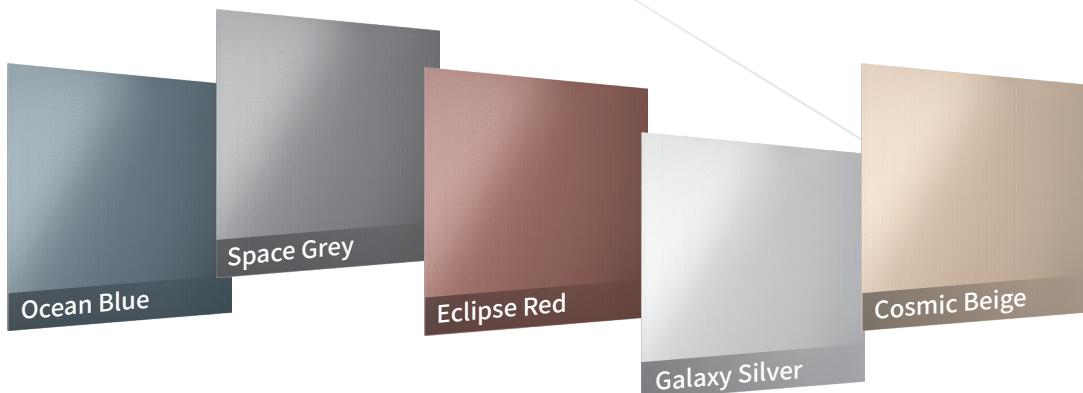


ARCHITECTURAL INTEGRATION CONSULTING SERVICES

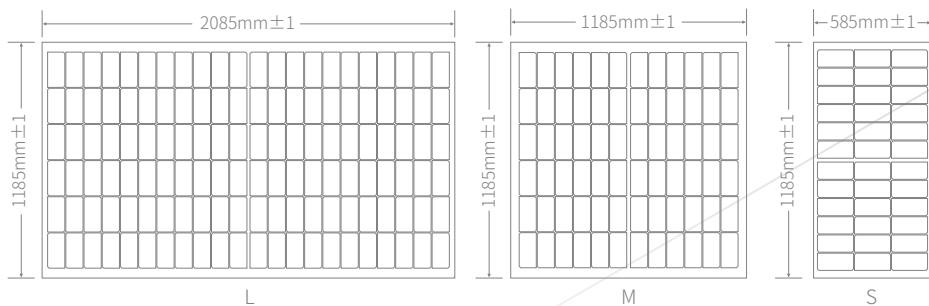
Expert engineering support for seamless solar integration

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
	Space Grey RGB-114, 114, 115	180-190W/m ²	175-185W/m ²	5mm thick 2mm double-glazed model 12.40Kg/m² <small>This thickness is exclusive to the 72-cell size.</small>
	Eclipse Red RGB-112, 82, 74	175-185W/m ²	170-180W/m ²	8mm thick 3.2mm double-glazed model 17.97Kg/m²
	Galaxy Silver RGB-162, 166, 165	155-165W/m ²	150-160W/m ²	13.6mm thick 6mm double-glazed model 31.97Kg/m²
	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 degradation	1.0%
Year 2-30 power degradation	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