

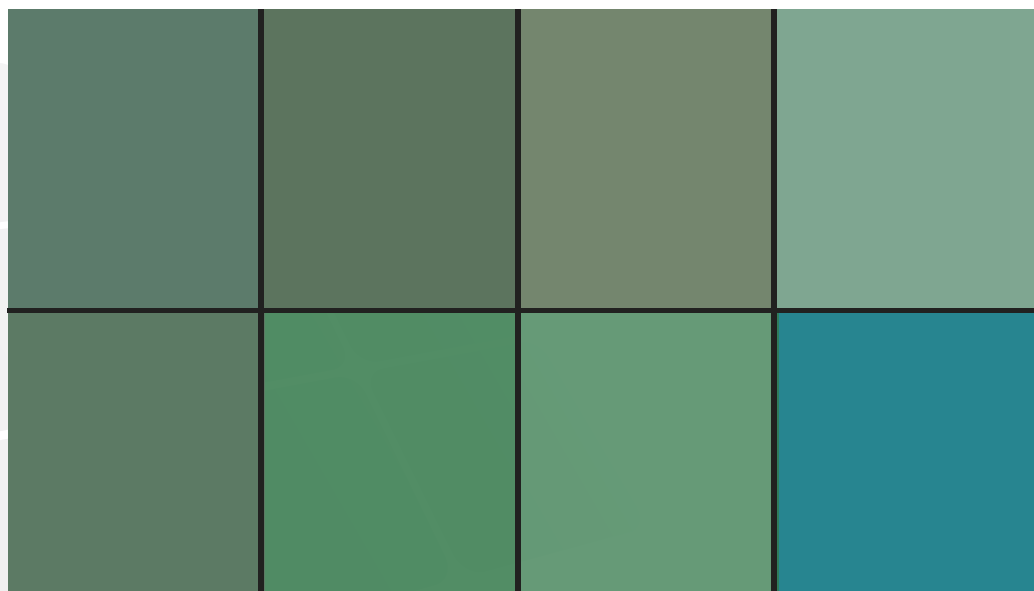
# EMERALD



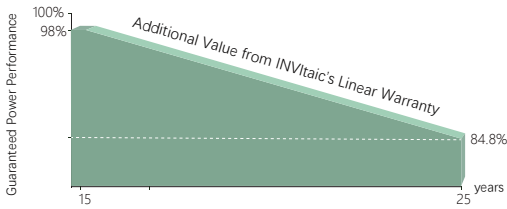
Emerald thrives naturally in one gentle verdant spring after a long drought finally is quenched, vigorous and so alive. Architecture integrated with Emerald thus flourishes for nature and what is man-made combine within, and a soul is bestowed that resonates with our psyche, since Emerald gives us a chance to ponder the relationship between architecture and nature, and how important life and environment are. With Emerald, exuberant spring emerges. "Buildings are deeply emotive structures which form our psyche."

**INVITAIC**

Module Model



## LINEAR PERFORMANCE WARRANTY



15 Year Product Warranty

25 Year Linear Power Warranty

0.55% Annual Degradation Over 25 years

Glass	Heat Strengthened Glass
Junction Box	IP68 Rated
Output Cables	TUV 1x4.0 mm <sup>2</sup> Customized Length
Maximum System Voltage	1500 VDC (IEC)
Maximum Series Fuse Rating	30 A
Power Tolerance	0~±3 %
Temperature Coefficients of Pmax	-0.35 %/°C
Temperature Coefficients of Voc	-0.29 %/°C
Temperature Coefficients of Isc	0.048 %/°C
Nominal Operating Cell Temperature (NOCT)	45±2 °C
CTM	60-66 %



Thickened Double-Layer  
Tempered Glass



High Impact Resistance



50% Increased High Mechanical  
Performance Modules



Optimized Soundproofing  
Insulation

### Higher Aesthetics

Inherent advantages of integration in module design, better appearance without metal wire exposition.

### Higher Power Efficiency

Higher-density cell arrangement can put more cells per unit area and achieve higher module efficiency, meet the requirements for energy-saving buildings.

### Building Integrated Higher Safety

Double layers of tempered glass to meet the requirements of building safety: with fireproofing, better wind load, heat resistance and frost resistance. Be used as building unit for integrated installation.

