

PHOENIX COLOR SERIES BIPV

A MASTERPIECE OF VISUAL ART IN ENERGY CONVERSION



TAILOR-MADE IN
COLOR AND SIZE



AN AESTHETIC FEAST
OF ADVANCED
COLORED GLAZE



ROCK-SOLID
RELIABILITY FOR
UNWAVERING TRUST

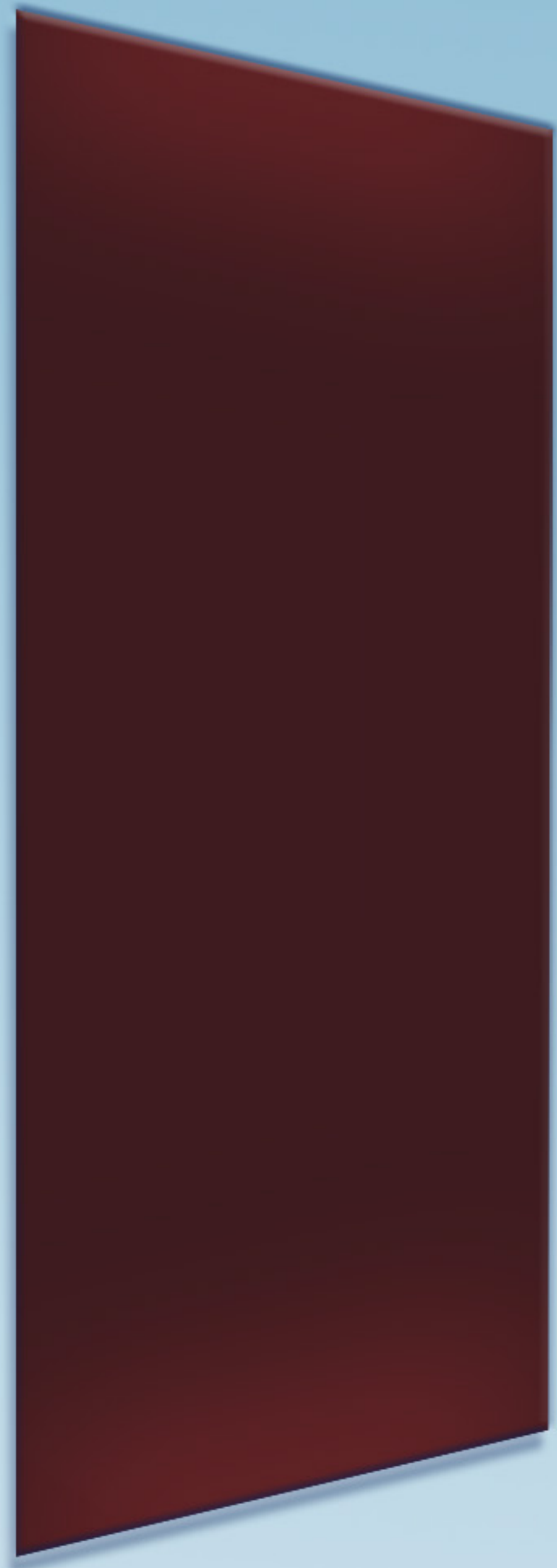


EFFICIENT POWER
GENERATION WITH
MULTIPLIED BENEFITS



Color Crystal Power-Generating Glass Replacing Traditional Building Materials with Reliable Performance

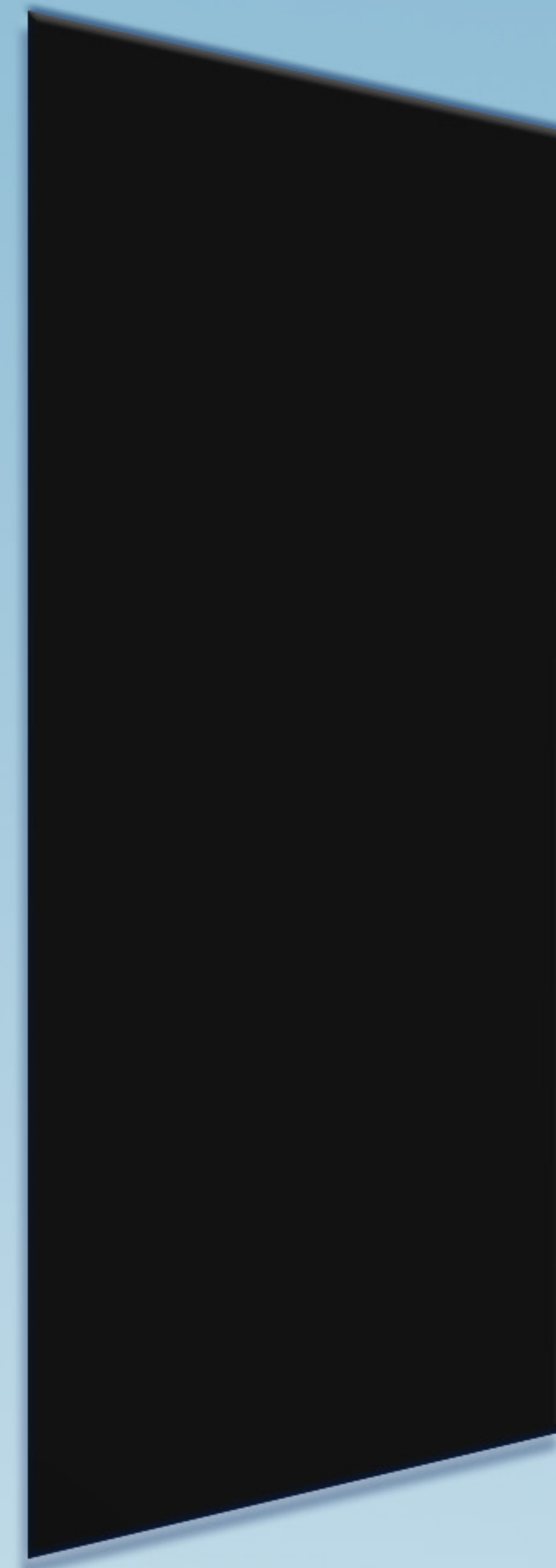
Color Customization Note: Personalize your product with a range of colors and sizes. Be aware that different hues may result in varying degrees of power output and efficiency.



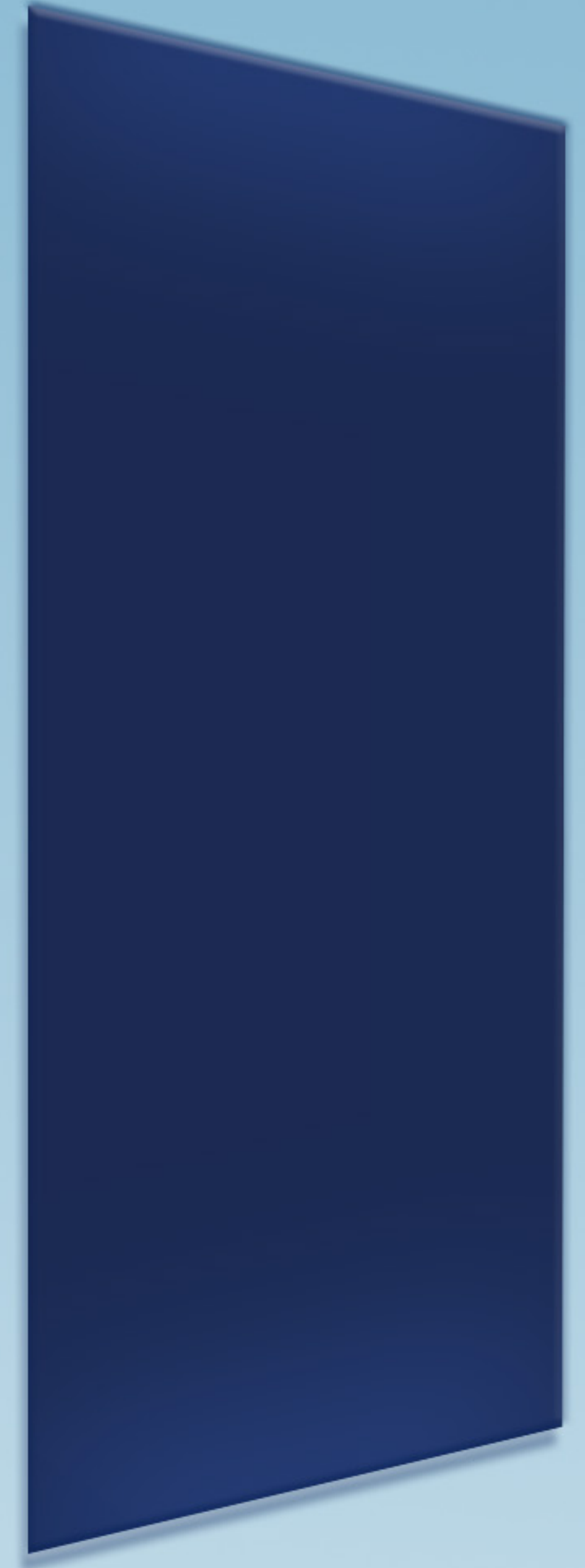
Unicorn Red



Purple Grinding Gold



Obsidian Black



Klein Blue

Product Parameters Note: Color plays a crucial role in determining power output. Generally, darker shades lead to higher efficiency levels.

Color	RGB	Power Output Range (W/m ²)	Efficiency Range (%)	Thickness and Weight 8mm thick 3.2mm Double Glass Version 17.97kg/m ² 13.6mm thick 6mm Double Glass Version 31.67kg/m ²
Unicorn Red	(90,18,21)	140-150W/m ²	130-140W/m ²	
Purple Grinding Gold	(223,172,77)	115-125W/m ²	110-120W/m ²	
Obsidian Black	(0,0,0)	165-175W/m ²	155-165W/m ²	
Klein Blue	(25,74,158)	155-165W/m ²	145-155W/m ²	

Technical Parameters

Front/Rear Side Static Mechanical Load	+5400/-2400pa
Hail Test	Diameter 45mm, Weight 43.9g, Impact Speed 30.7m/s
Operating Temperature Range	-40 ~ +85°C
Nominal Operating Temperature	45±2°C
System Fire Rating	Class A Non-Combustible
IP Rating	IP68
Light Transmittance	Opaque

Electrical Parameters

Power Degradation in First Year	1.0%
Linear Power Degradation	0.4%
25-Year Power Degradation Warranty	≥89.4%
Output Power Tolerance	0~+5W
Maximum System Voltage	DC1500 (IEC/UL)
Maximum Fuse Rated Current	25A
Maximum Power Temperature Coefficient (Pmax)	-0.29%/°C

* The above parameters are for reference only and are subject to the specific project design and customized information.

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