

Product Comparison Chart

Product	ColorBlast Single Color	ColorBlast Design
General		
Type	Digital printing	Digital printing
Color Fastness	50 years	50 years
Power	Low - high	Low - high
Aesthetics		
Number of standard colors	1000+	1000+
Custom color matching	●	●
Aesthetic appearance	Matte ceramic flat, colored glass	Matte ceramic flat, colored glass
Multi-colored design	○	●
Color limitations	Limitation on brightness bright colors have low power	Limitation on brightness
Graphic layer positioning	Printing inside or outside glass	Printing inside or outside glass
Partial printing (for semi-transparency)	●	●
Other coloring options	Custom rear-side coloring	Custom rear-side coloring
Materials		
Patterned glass	In combination with printing inside glass	In combination with printing inside glass
Material requirements	Black background for uniform appearance	Black background for uniform appearance
Standard opacity options	Opaque	Opaque
Reflectivity / matteness	Highly matte to highly reflective	Highly matte to highly reflective
Standard junction box location	Rear	Rear

Standard Mechanical Data

Length x Width	Min 300 x 300 mm, up to 2500 x 3500 mm
Weight	Subject to Dimensions
Junction Box	IP68, 3-6 Split Junction Box with Individual Bypass Diodes
Output Cable	Length: 300 mm / As Per Customer Requirement, Dia: 4 mm ²
Connector	MC4 Compatible
Application Class	Class A (Safety Class II)
Glass Front & Rear	High Transmittance ARC Glass, 4+2 mm up to 6+6 mm (Customisable)
Solar PV Cells	TOPCON 16BB G12R N Type
Cell Encapsulant	EPE (EVA-POE)
Country of Origin	India

