

Enabled with



MORPHO® SHINGLE MATRIX MODULE

Shingle Matrix Technology and Morpho® Color in building integrated applications for high aesthetics and efficiency

Uniform and strong color enabled by Fraunhofer ISE's Morpho® Color Technology

Outstanding light transmission of front glass

Excellent shading resilience enabled by M10's Shingle Matrix Technology

Seamless aesthetical module design

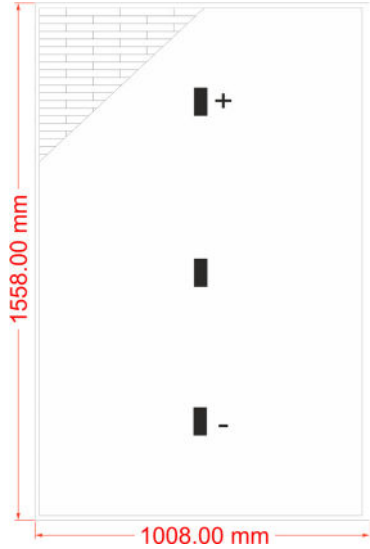


M10

Solar Equipment

Mechanical Data

Dimensions [mm]	1558 × 1008 × 35
Weight [kg]	ca. 20
Front cover	4 mm thick toughened solar glass coated with Morpho® Color
Back cover	Conventional black backsheet
Frame	Black anodized aluminum
Solar cell type	249 shingle cells, monocrystalline p-type, PERC, 5th cut
Junction boxes	3 diodes
Cell interconnection	Shingle matrix technology, electrically conductive adhesive (ECA), 1.6 mm overlap



Electrical Data

With Morpho® Color		Without Morpho® Color	
I_{SC}	10.5 A	I_{SC}	10.9 A
V_{OC}	32.0 V	V_{OC}	32.0 V
P_{MPP}	255 W	P_{MPP}	269 W
FF	76.1 %	FF	76.5 %

