

SOLAR FLOOR TILES

ETERNAL ENERGY

[PRODUCT FEATURES]

Durable And Antislip

Waterproof And Fireproof

Environmental Protection And Energy Saving

Applicable scenarios

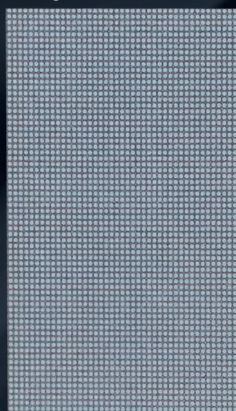


[COLOR]

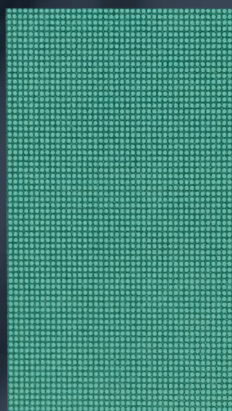
Transparent / EM-N10MR001



Gary / EM-N10MR002



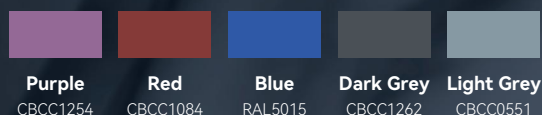
Green / EM-N10MR003



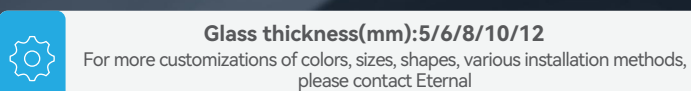
Blue / EM-N10MR004



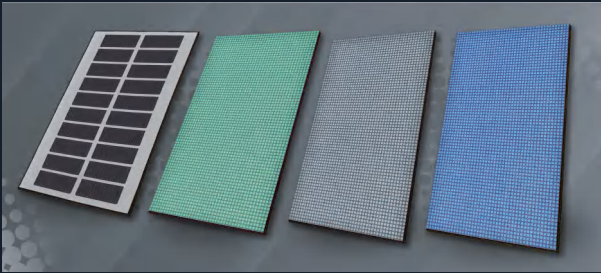
[MORE COLORS (CUSTOMIZABLE)]



[MORE GLASS THICKNESS (CUSTOMIZABLE)]



SOLAR FLOOR TILES



STRUCTURAL MATERIAL

Glass material/ Thickness	Tempered glass /12+12mm (Customizable)
Packaging material	PVB
Junction box protection level	IP68
Cable length/ Conductor cross-sectional area	(+)350mm;(-)250mm;Customizable/4mm ²
Connector type/protection level	MC4 compatible/IP68
Packing method	L-frame/Wooden box (Customizable)
Dimensions	1170*450*66mm (With attached frame)
Cell size	182*105mm
No. of cells	2*10
Weight	21kg

SPECIFICATION	Transparent	Blue	Gary	Green
Maximum Power (Pmax)	75	50	45	45
Open-circuit Voltage (Voc)	6.38	4.29	3.82	3.93
Short-circuit Current (Isc)	13.84	14.21	14.11	14.14
Maximum Power Voltage (Vmp)	5.7	4.23	3.74	3.89
Maximum Power Current (Imp)	13.25	12.08	12.19	12.03
Module Efficiency STC (%)	14.25%	9.5%	8.55%	8.55%

STC : Irradiance : 1000W/m² Cell Temperature : 25℃ AM=1.5

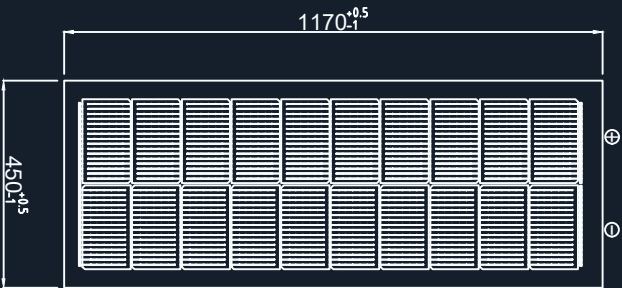
OPERATING CONDITION

Maximum system voltage	1500Vdc
Maximum fuse rating	25A
Operating temperature(℃)	-40℃~+85℃

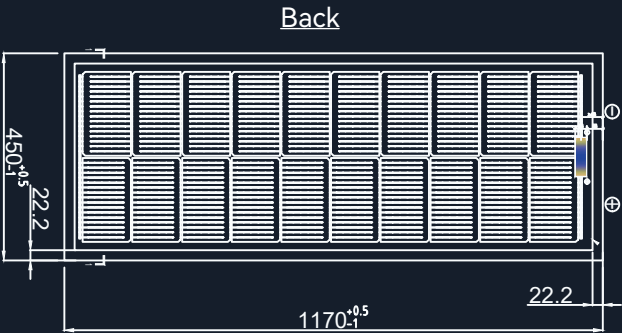
TEMPERATURE CHARACTERISTIC

Nominal operating temperature	45±2℃
Temperature coefficients of Pmax	-0.29%/℃
Temperature coefficients of Voc	-0.25%/℃
Temperature coefficients of Isc	0.045%/℃

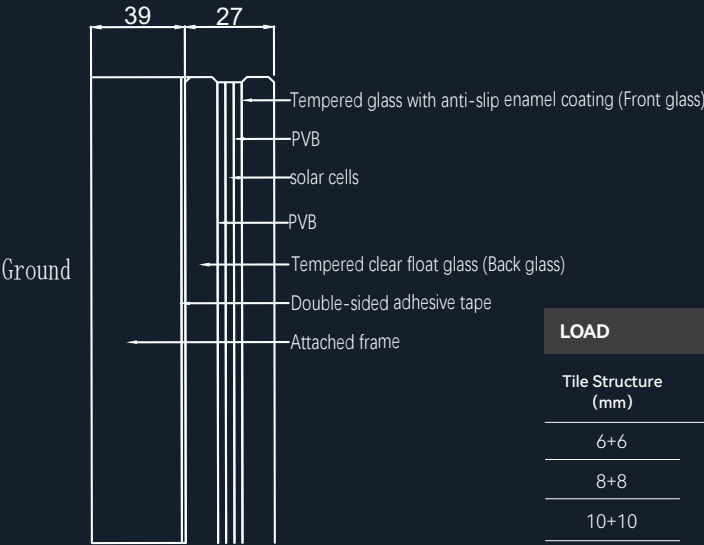
DIMENSION (mm)



Front



Back



Structure

LOAD

Tile Structure (mm)	Allowable Uniformly Distributed Weight (kpa)
6+6	0.9
8+8	1.62
10+10	2.53
12+12	3.65

PROJECT PRESENTATION

