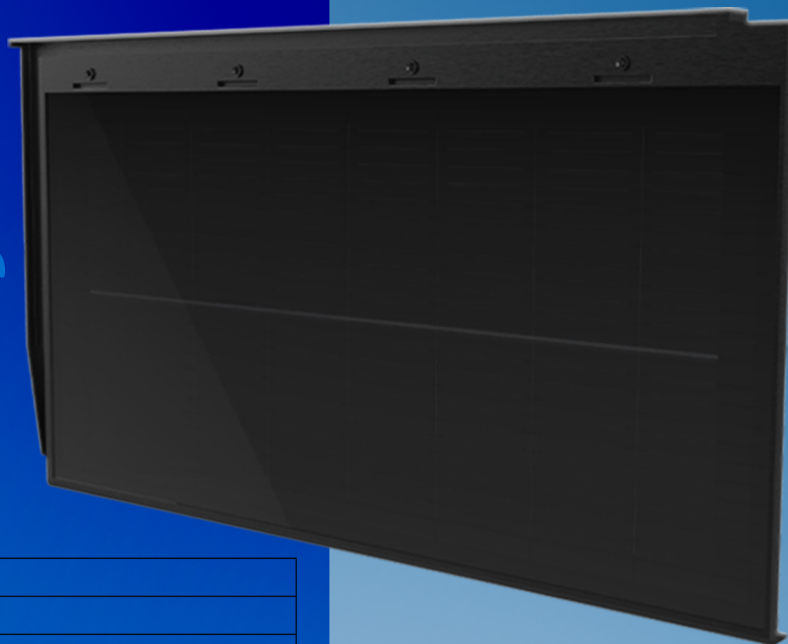


SolarFam EnerTile



All-black Solar Roof Tiles

ELECTRICAL PARAMETERS(STC)

Model	SZRT-68
Nominal Power	68W
Solar cells	LONGI HPBC Mono-crystalline Silicon Cell
Cell efficiency (%)	>25%
Voltage at Pmax (Vmpp)	9.28V
Current at Pmax (Impp)	7.33A
Open-circuit voltage (Voc)	10.88V
Short-circuit current (Isc)	7.77A

OPERATING PARAMETERS

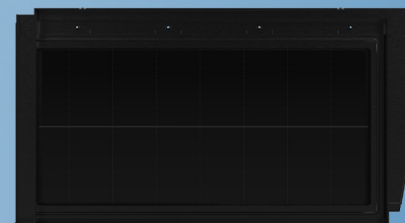
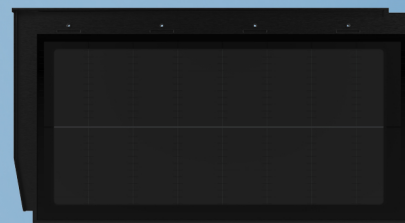
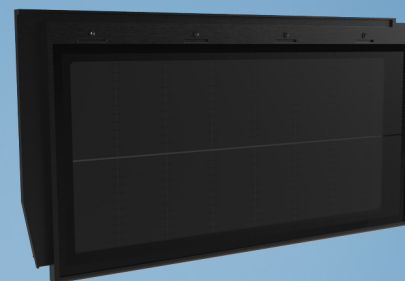
Operating temperature range	-40°C ~ +85°C
Power output tolerance	0 ~ +3%
Max. system voltage	500V
Max. number of modules in series	48PCS
Max. series fuse rating	16A
Front Side Max. Static Loading	5400Pa
Rear Side Max. Static Loading	2400Pa
Fire rating	Class C

THERMAL CHARACTERISTICS

Temperature coefficient of (Pmax)	-0.34%/°C
Temperature coefficient of (Voc)	-0.265%/°C
Temperature coefficient of (Isc)	+0.05%/°C

MECHANICAL PARAMETERS

Color	Full black
Dimensions	855*468*30 (mm)
Weight	5.6kg
Junction box	IP68
Output cable	2.5MM2/50CM
Frame	Plastic spraying /die-cast aluminum frame
Glass (material / thickness)	Tempered glass/2.0mm+2.0mm
Plug connector	MC4
Designed Lifespan	>50 years



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