XSDCM-50-H

Curved Solar Roof Tile

Curved solar roof tile for traditional architecture

The curved solar roof tile follows the classic tile contour and integrates photovoltaics directly into the roof membrane – for villas, mansard roofs and heritage-protected buildings.

✓ CE · CQC · 3C

ELECTRICAL PARAMETERS

POWER CLASSES	CELL TYPE	MODULE WEIGHT
46 / 48 / 50 W	TOPCon 210×105mm	5.5 kg

WARRANTY

PRODUCT WARRANTY
15
years

PERFORMANCE WARRANTY
30
years

ADDITIONAL TECHNICAL DATA

Module dimensions 685×420×9 mm	Cell arrangement 9 cells (3×3)	Optimum voltage 5.86–5.98 V
Optimum current 7.85–8.37 A	Open-circuit voltage 6.64–6.69 V	Short-circuit current 8.44–8.62 A
Operating temperature –40 °C to 85 °C	Max. system voltage DC 1000/1500 V	Max. fuse rating 25 A
Power tolerance 0 to +5 W	Junction box IP68, MC4-comp.	Frame Aluminium alloy
Front load (snow) 2400 Pa	Safety class Class II	Certification CE / CQC / 3C

Values according to manufacturer datasheet X-Solar (confirmed on x-solarenergy.com).