X-SOLARENERGY

TECHNICAL DATASHEET · MANUFACTURER SPECIFICATIONS

sun42.eu · Vertriebspartner Europa für X-Solarenergy

XSFM-580-T

Ultralight Flexible Module

Flexible solar module for curved roofs

Flexible solar modules with a surface weight of 2.9 kilograms per square metre for flat roofs, industrial roofs, commercial buildings and existing roofs where rigid glass-and-aluminium modules cannot be installed for structural reasons.

✓ CE · CQC · 3C

ELECTRICAL PARAMETERS

RATED POWER	CELL TYPE	SURFACE WEIGHT
580 W	**N-TOPCon 182×91mm**	**2.9 kg/m²**

WARRANTY

PRODUCT WARRANTY
12
years

PERFORMANCE WARRANTY
25
years

ADDITIONAL TECHNICAL DATA

Module dimensions **2260×1219×2.5 mm**	Cell configuration **144 pcs (12×12)**	Module weight **8.3 kg**
Optimum operating voltage **44.19 V**	Optimum operating current **13.13 A**	Open-circuit voltage **53.03 V**
Short-circuit current **13.86 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.**
Front load (snow) **2400 Pa**	Temp. coefficient Pmax **–0.26 %/°C**	Certification **CE / CQC / 3C**

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