

solarge

SOL NP120C-FL

100% Circular, Lightweight,
and Low Carbon footprint

SOLO C 520-540 Wp
TOPCon - 120 cells

- ✓ Strong and light polymers result in a weight of only 5,9kg/m²
- ✓ Up to 60% better carbon footprint than conventional modules
- ✓ Designed for circularity
- ✓ PFAS-free
- ✓ Take-back guarantee

25 years
Power warranty

16 years
Product warranty

Certifications & Quality Standards

IEC 61215/61730*
IEC 62716* (Ammonia)
IEC 61701* (Salt)
ISO 9001*: Quality Management System
ISO 14001*: Environmental Management Systems
ISO 45001*: Occupational Health and Safety Management Systems *Pending



SOL NP120C-FL

specifications

Electrical Characteristics

Module Type	SOL NP120C-FL
Max Power (Pmax/W)	530
Voltage at Max. Power (Vmp/V)	36,8
Current at Max. Power (Imp/A)	14,4
Open Circuit Voltage (Voc/V)	44,1
Short Circuit Current (Isc/A)	15,02
Module Efficiency (%)	21,0

Specifications

Amount of cells	120
Cell type	G12R Half Cut TOPCon N-type
Dimensions (clamping height)	2201x 1147 x 35mm
Weight module	14,9kg
Weight module per m ²	5,9kg/m ²
Cable length & cross section 2 pcs	1400mm x 4mm ²
Connector type	Stäubli MC4-Evo 2A
By-pass devices	3 pcs in junction boxes
Country of manufacturing	The Netherlands

Mechanical loading

Front Side Max. Static Loading	2400Pa
Rear Side Max. Static Loading	2400Pa
Hailstone Test	25mm at speed 80km/h

Logistical Details

Number of modules per pallet	27
Weight pallet	420kg
Dimensions pallet	2400 x 1200 x 1400 mm

Operating Parameters

Operational Temperature	-40°C /+85°C
Measurement Uncertainty Pmax/Voc/Isc	± 3%
Power Output Tolerance	0-+5Wp
Maximum System Voltage	1500 V DC
Fire Rating	Class C

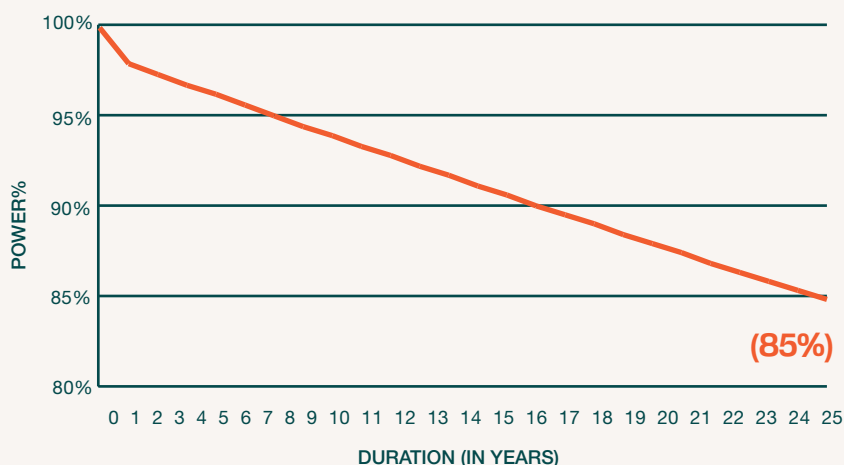
Temperature Ratings

Temperature Coefficient Isc (%/C)	0,045
Temperature Coefficient Voc (%/C)	-0,25
Temperature Coefficient Pmax (%/C)	-0,30

25-Year Power Warranty

Contact

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Interface clamp

Dimensions

