

SKANBATT

SNB-80W TOPCON Solar Panel

SKANBATT SNB-80W is a compact N-type TOPCON monocrystalline solar panel designed for 12V systems. It is ideal for battery maintenance, marine and vehicle use, telecom units, sensors and other compact off-grid applications.

PRODUCT HIGHLIGHTS

N-type TOPCON technology	High efficiency, low degradation and strong low-light performance.
Compact footprint	Small dimensions make it easy to mount on limited surfaces.
Durable construction	3.2 mm tempered glass, black aluminium frame and black TPT backsheet.
Easy installation	Delivered with 4 mm ² cables and MC4 connectors for quick connection.

TYPICAL APPLICATIONS

- 12V battery maintenance and small charging systems.
- Compact off-grid systems with limited mounting area.
- Marine and vehicle installations (boats, vans, service vehicles).
- Sensors, telecom, monitoring and control units.

CERTIFICATIONS

- CE marked (LVD / EMC compliance).
- TÜV certified.
- IEC 61215 (Design Qualification & Type Approval).
- IEC 61730 (Safety Qualification).

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Technical Specifications – SNB-80W

ELECTRICAL DATA (STC)

Model	SNB-80W
Rated Power (Pmax)	80 W
Open Circuit Voltage (Voc)	22.4 V
Short Circuit Current (Isc)	4.67 A
Voltage at Pmax (Vmpp)	19.2 V
Current at Pmax (Impp)	4.17 A
Power Tolerance	0 ~ +3 %
Test Conditions	STC: 1000 W/m2, AM1.5 spectrum, module temperature 25 C

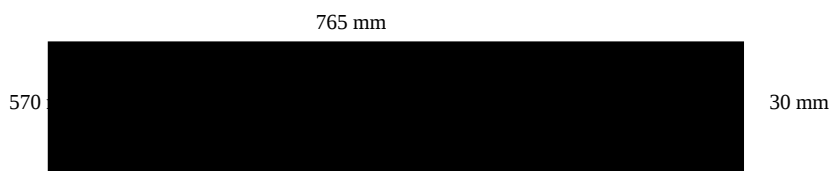
MECHANICAL DATA

Solar Cells	N-type TOPCON 182 x 60.6 mm
No. of Cells and Connections	4 x 8 = 32 pcs
Module Dimensions	765 x 570 x 30 mm
Weight	4.7 kg
Front Glass	3.2 mm tempered glass
Backsheet	Black TPT backsheet
Frame	Black anodized aluminium 6063-T5
Junction Box	IP67 rated
Cables	4 mm2, 90 cm with MC4 connectors
Application Class	Class A

TEMPERATURE & MAXIMUM RATINGS

NMOT	47 +/- 2 C
Operating Temperature	-40 C to +85 C
Current Temperature Coefficient	0.065 +/- 0.015 %/C
Voltage Temperature Coefficient	-(80 +/- 10) mV/C
Maximum System Voltage	1000 V DC
Maximum Series Fuse Rating	10 A

PANEL DIMENSIONS (ILLUSTRATION)



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We reserve the right to correct errors and change specifications without notice.

Battery Solutions Made Easy