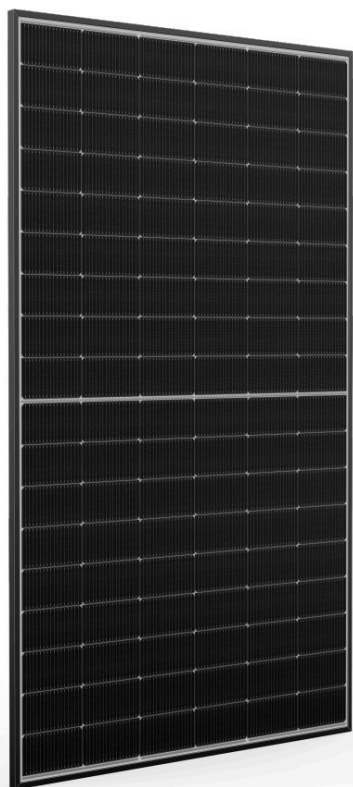


Solar PV & BIPV · PV modules

Risen RSM108 TOPCon Bifacial Module 490–515 Wp

A black-frame, glass-glass n-type TOPCon module for rooftops and carports, with up to 23.2% efficiency.

Product code: **SPC-PV-RIS-RSM108**



Use case

An office building wants a discreet rooftop installation that matches its dark façade.

Black-framed bifacial modules deliver high output from a limited roof area, and the same module suits carports where the rear side also captures reflected light.

Price on request — official price list coming soon.

How it works

High output

490–515 Wp per module and up to 23.2% efficiency from n-type TOPCon cells.

Bifacial gain

The rear side adds yield from reflected light, depending on mounting and ground albedo.

Long-term warranty

5-year product warranty and 30-year linear power warranty, with 0.4% annual degradation.

Specifications

PARAMETER	VALUE
Manufacturer	Risen Energy
Model	RSM108-11-490-515BNDG
Power range (STC)	490 / 495 / 500 / 505 / 510 / 515 Wp
Module efficiency	22.0–23.2%
Cells	n-type TOPCon, 108 cells
Bifaciality	80 ± 5%
Dimensions	1961 × 1134 × 30 mm
Weight	27 kg
Glass	2.0 mm front (AR-coated) + 2.0 mm rear, heat-strengthened
Frame	Anodised aluminium alloy, black
Junction box	IP68, 3 bypass diodes
Max. system voltage	1500 V DC
Mechanical load (test)	5400 Pa front / 2400 Pa rear
Temperature coefficient Pmax	–0.29%/°C
Operating temperature	–40 to +85 °C
Warranty	5 years product, 30 years linear power

Manufacturer: Risen Energy Co., Ltd. Offered and supported in Poland by Space BMS sp. z o.o.

Detailed technical documentation and drawings are available on request.

How we work with you

- Site visit and roof or car-park survey.
- Yield estimate and system layout for your building.
- Structural and grid-connection check with your designer.
- Installation by qualified partners and commissioning.

Contact

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