ROVON POWER

2026 PRODUCT BROCHURE



# SOLAR PV MODULES

## Rove H1 / Rove N1

N-Type HJT and TOPCon



# AN N-TYPE PORTFOLIO

The Rove portfolio brings together H1 modules with HJT and 0BB technology, and N1 modules with TOPCon cells. Nine module options span bifacial dual-glass and monofacial construction.

**575-750 W**

Portfolio power range

**24.10%**

Highest module efficiency

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# IN THIS BROCHURE


| | |
|---|---|
| N-type technology | **04** |
| Rove H1 | **05-06** |
| Rove N1 | **07-12** |
| Performance & warranty | **13-15** |
| Portfolio selection guide | **16** |


# TWO SERIES. NINE OPTIONS.

## Rove H1

HJT + 0BB / bifacial dual glass

**730-750 W**

1 module option

## Rove N1

TOPCon / bifacial and monofacial

**575-725 W**

8 module options

Module options are identified by construction, cell format and power range.



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# N-TYPE TECHNOLOGY

## HJT + 0BB

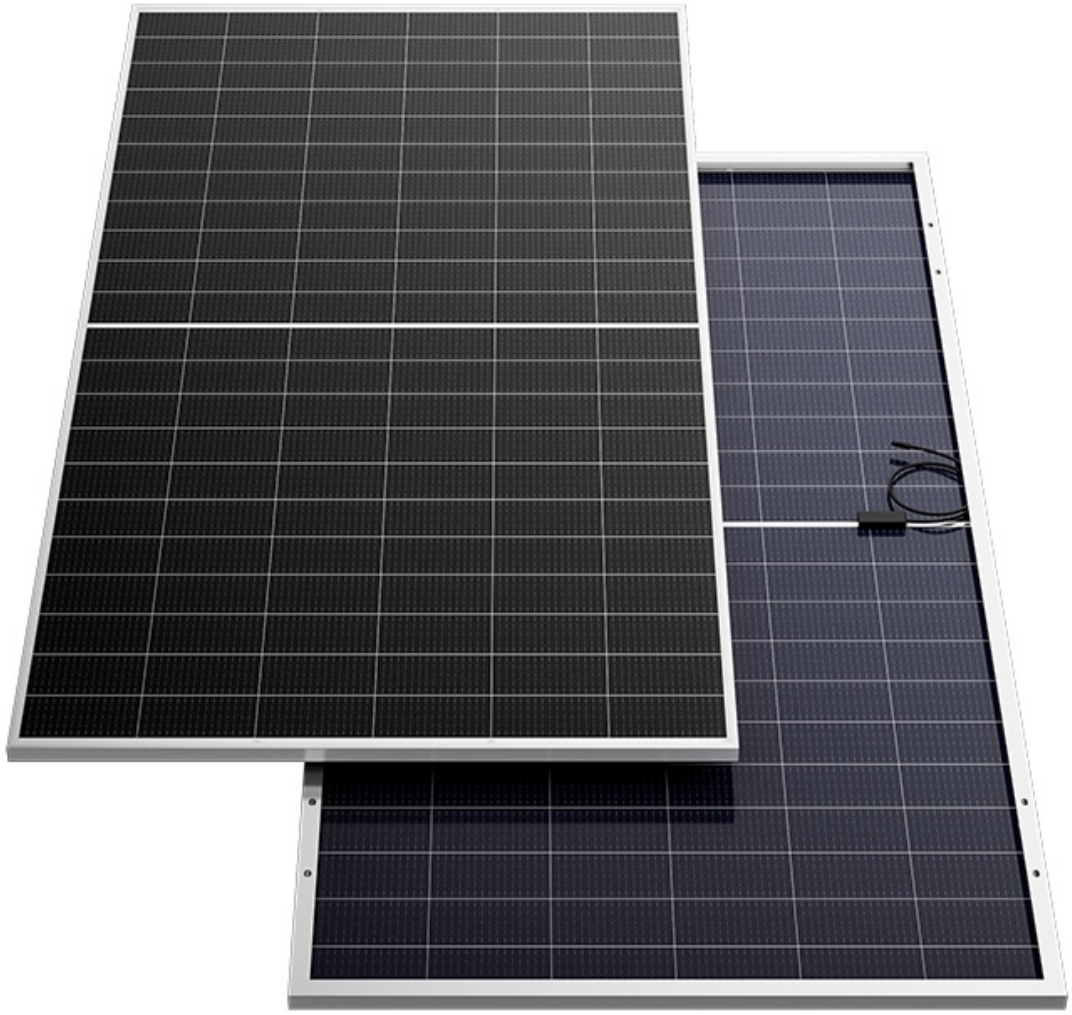
Rove H1

Heterojunction cells with 0BB construction. H1 is offered as a 132 half-cell module with bifacial dual glass.

## TOPCon

Rove N1

Tunnel oxide passivated contact cells. N1 spans four half-cell formats, with bifacial dual-glass and monofacial options.



**RH1 66BD / 132 half-cells**

# Rove H1

N-Type HJT with 0BB

## 730-750 W

Rated module power

## 24.10%

Maximum module efficiency

Bifacial dual-glass construction

2384 × 1303 × 33 mm

# CONSTRUCTION & PERFORMANCE

RH1 66BD / HJT / bifacial dual glass

**0BB**

Cell interconnection

132 half-cells

**90 ±5%**

Specified bifaciality

Up to 95% bifaciality

**PIB**

Sealing material

Bifacial dual-glass construction

**-0.24%/°C**

Pmax temperature coefficient

Power output variation per degree

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# Rove N1

## N-Type TOPCon modules

Bifacial dual-glass and monofacial formats

Four cell formats. Eight module options.

## 575-725 W

Series power range

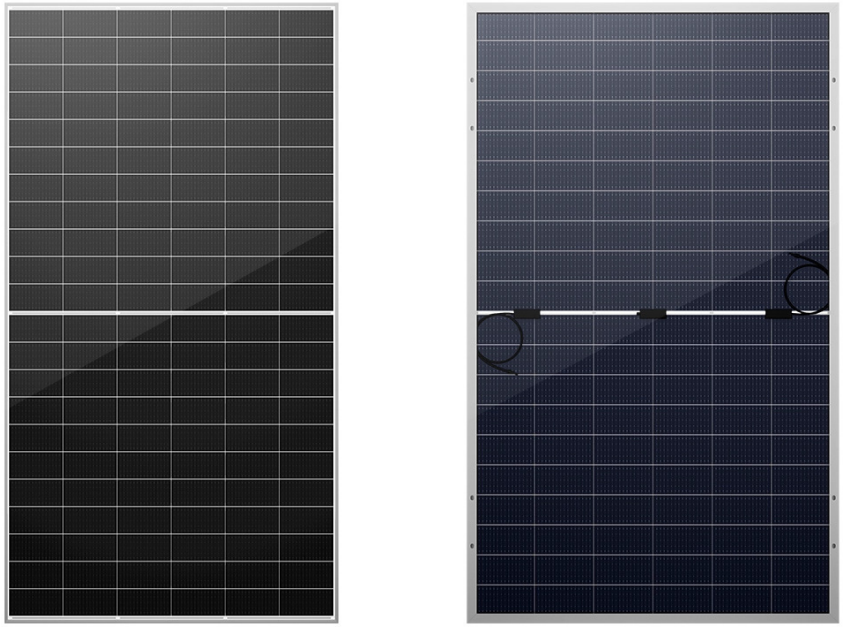
120 / 132 / 144 / 156 half-cells

# 120 / 132 HALF-CELLS

Bifacial dual glass / two module footprints

### RN1 60BD / 120 half-cells

2172 × 1303 mm

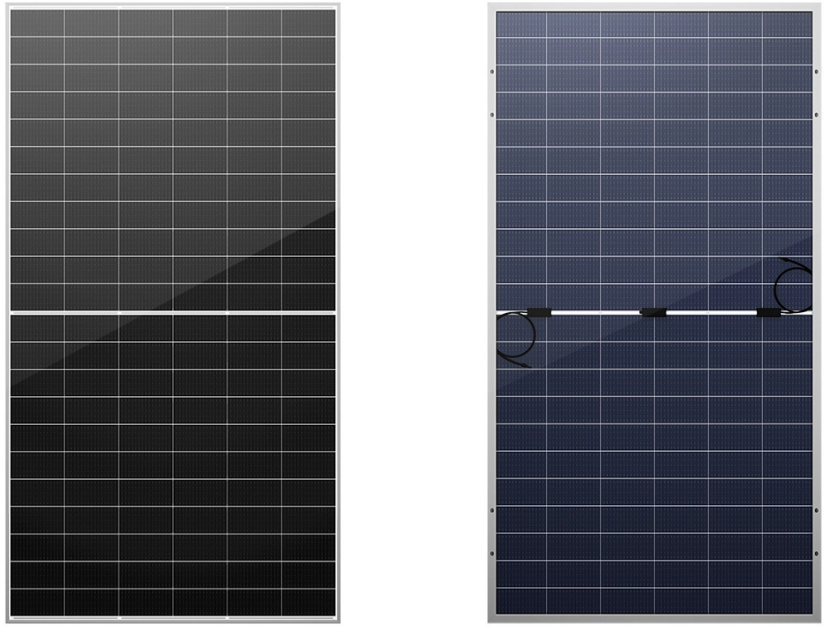


## 625-645 W

Maximum module efficiency 22.79%

### RN1 66BD / 132 half-cells

2382 × 1134 mm



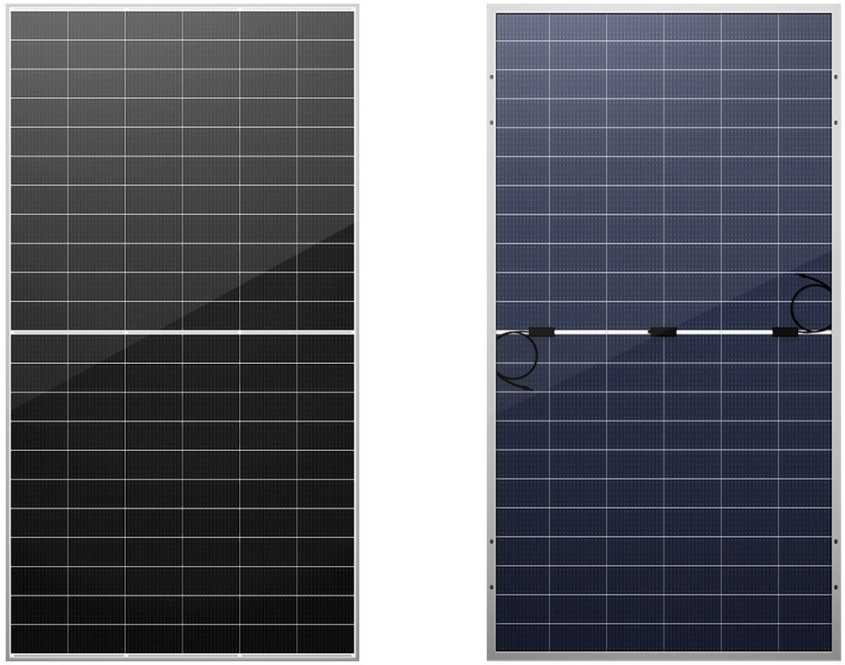
## 600-635 W

Maximum module efficiency 23.50%

# 132 HALF-CELLS / WIDE FORMAT

RN1 66BD / 2384 × 1303 mm / bifacial dual glass

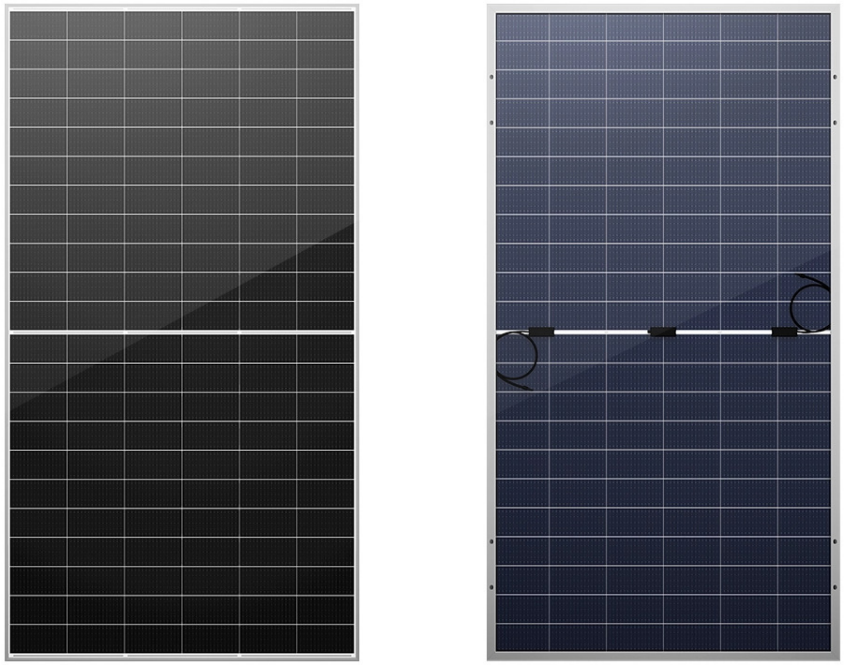
## 685-710 W



**22.90%**

Maximum module efficiency

## 700-725 W



**23.30%**

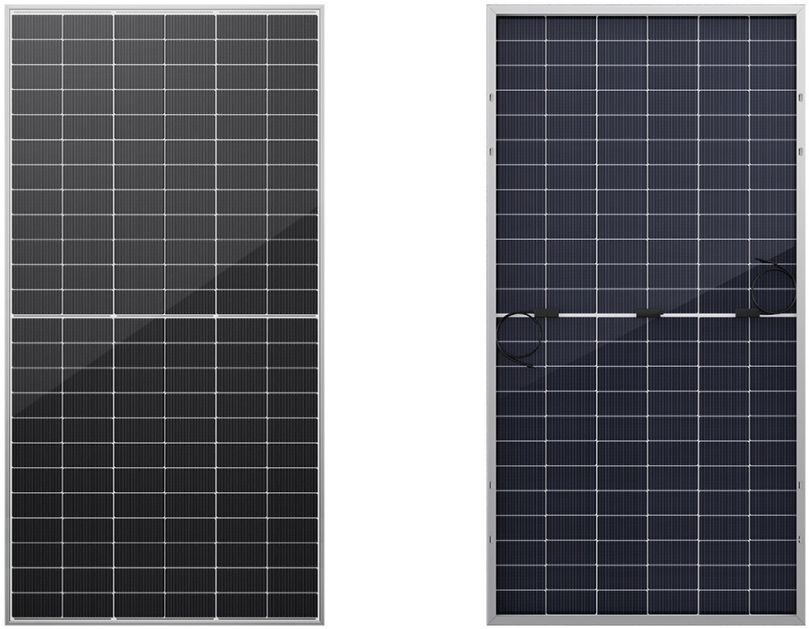
Maximum module efficiency

# 144 HALF-CELL MODULES

Two construction choices / 575-595 W

### RN1 72BD / Bifacial dual glass

2278 × 1134 mm (nominal)

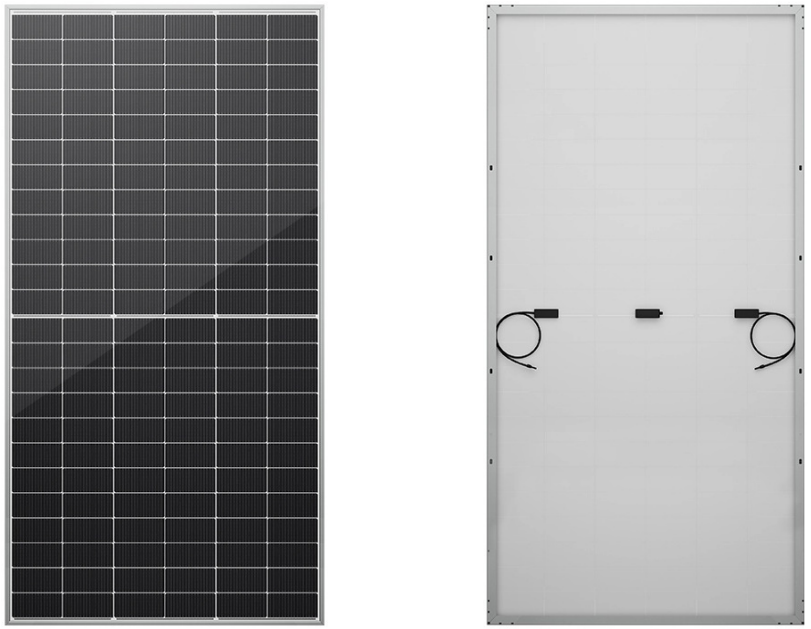


## 575-595 W

Maximum module efficiency 23.00%

### RN1 72M / Monofacial

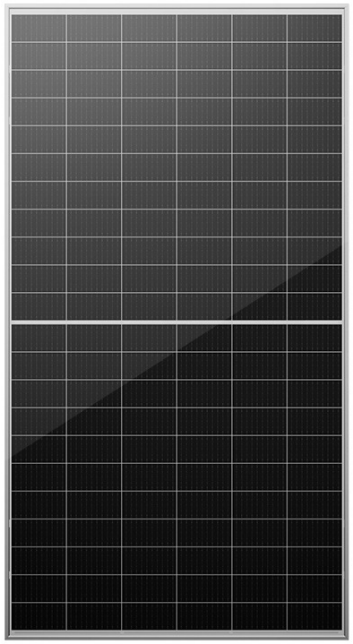
2279 × 1134 mm



## 575-595 W

Maximum module efficiency 23.02%

# N1 156
# HALF-CELL MODULES



Front



Bifacial rear

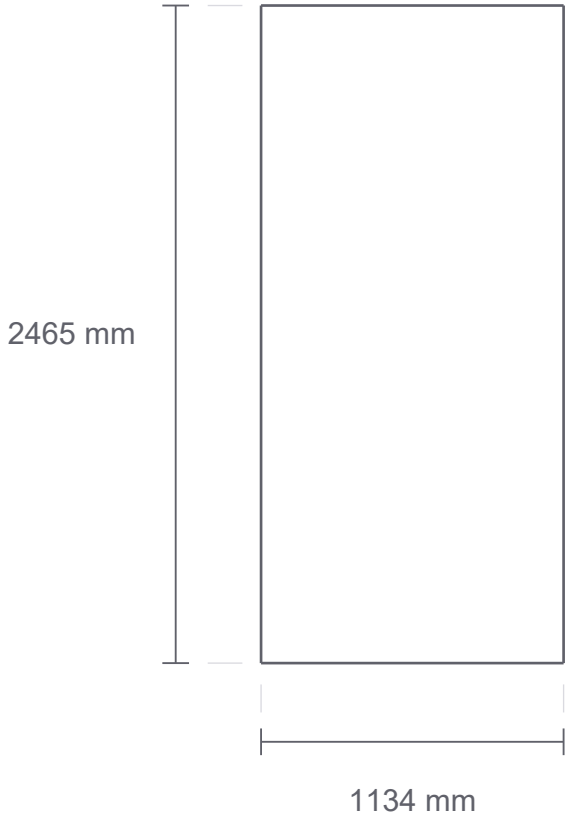


Monofacial rear

| | |
|---|---|
| **RN1 78BD** | **620-640 W** |
| **RN1 78M** | **625-645 W** |

## SHARED FOOTPRINT

Both 156 half-cell formats




Nominal dimensions / front view

30 mm BD / 35 mm M frame depth

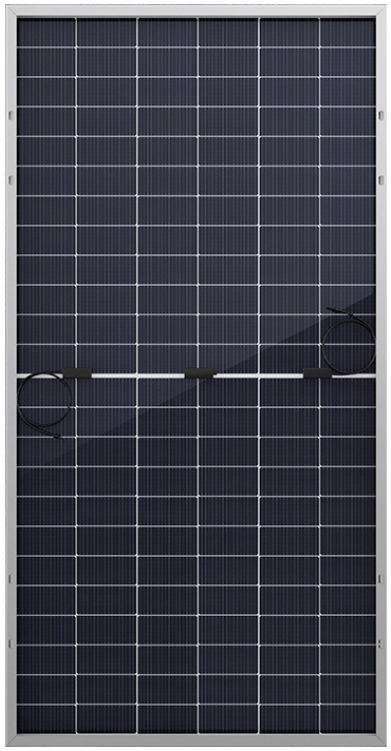
# BIFACIAL OR MONOFACIAL

N1 BD modules use front and rear glass. N1 M modules use 3.2 mm coated tempered front glass. Both formats use N-type cells.

**TWO CONSTRUCTION CHOICES**

Compare construction, cell format and power range in the selection guide on page 16.

## Bifacial



Front and rear glass

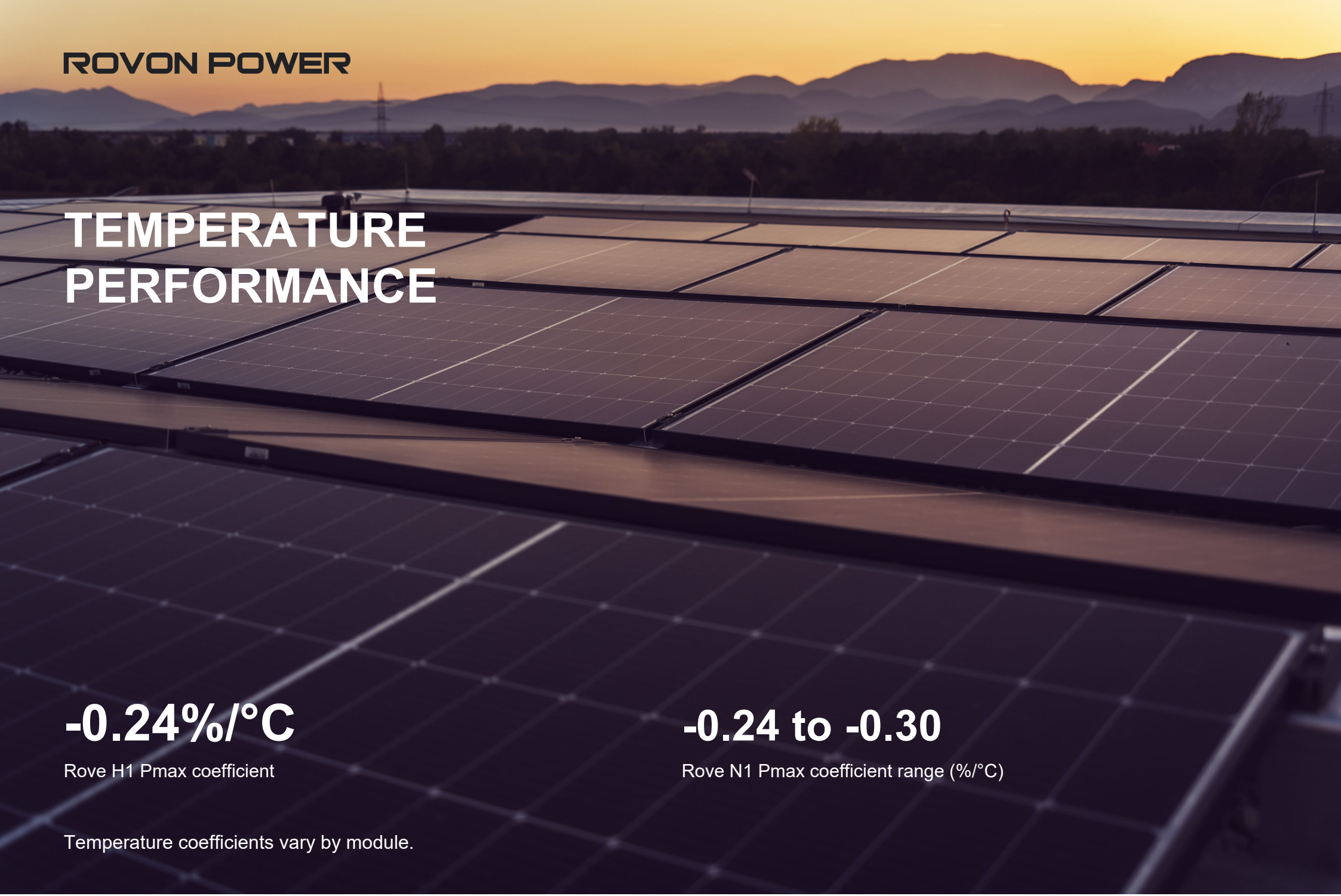
## Monofacial



3.2 mm front glass

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# TEMPERATURE PERFORMANCE



**-0.24%/°C**

Rove H1 Pmax coefficient

**-0.24 to -0.30**

Rove N1 Pmax coefficient range (%/°C)

Temperature coefficients vary by module.




# OPERATING TEMPERATURE RANGE

## -40°C to +85°C

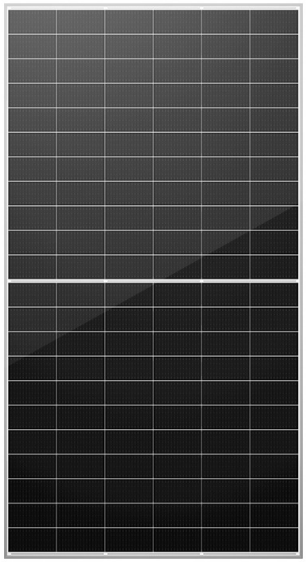
Specified module operating temperature

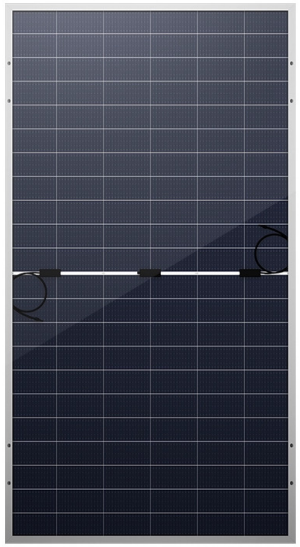

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30 YEARS
Power output warranty across the portfolio
Rove H1: 15-year product warranty.
Rove N1: product and materials warranty terms vary by module.
Rove H1 / Rove N1

# PORTFOLIO SELECTION GUIDE

## Rove H1

N-Type HJT / 0BB





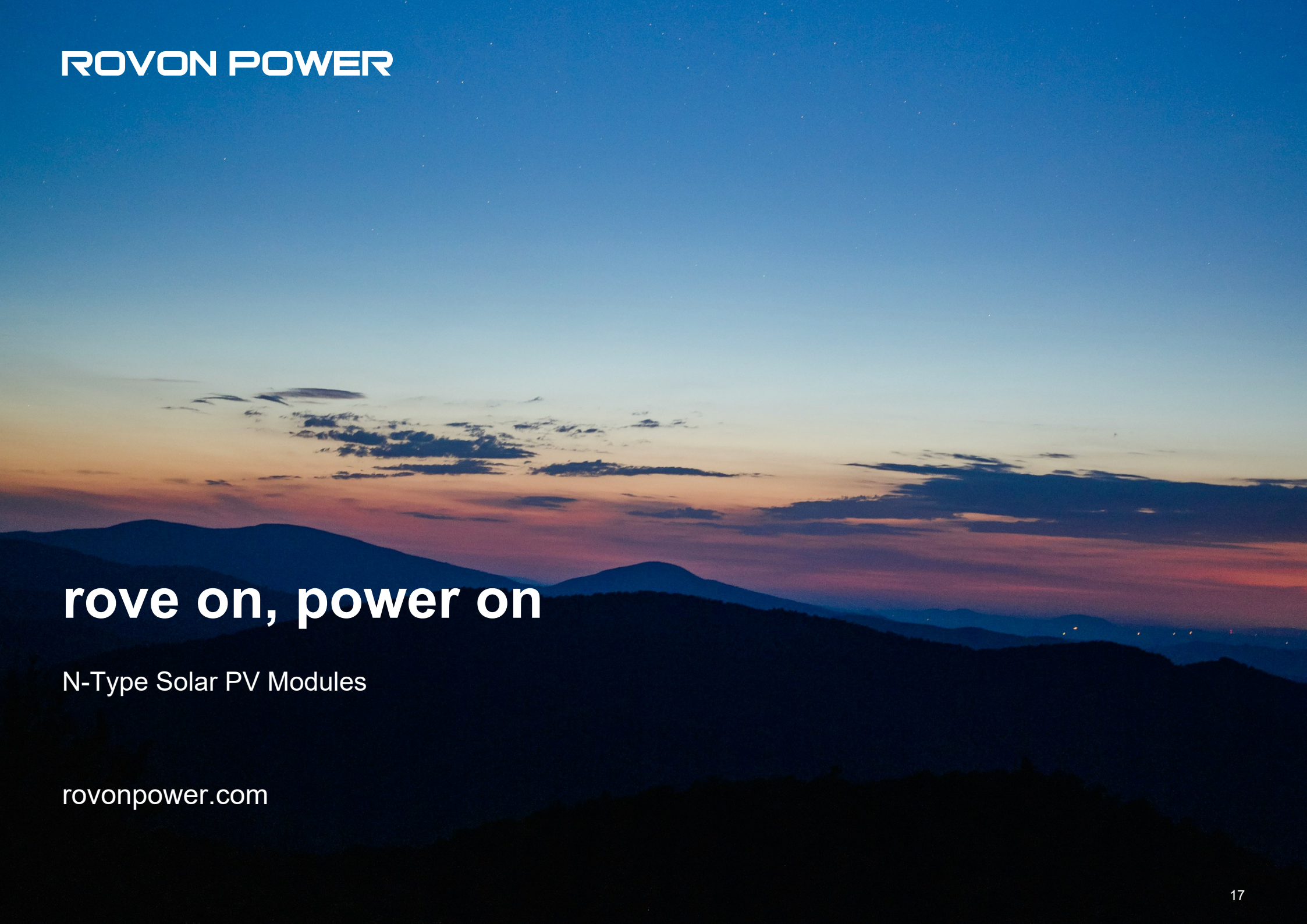
**RH1 66BD / 730-750 W**

132 half-cells / see page 05

## Rove N1

N-Type TOPCon


| MODULE | POWER | PAGE |
|---|---|---|
| **RN1 60BD**<br>120 half-cells / Bifacial dual glass | **625-645 W** | 08 |
| **RN1 66BD**<br>132 half-cells / Bifacial dual glass | **600-635 W** | 08 |
| **RN1 66BD**<br>132 half-cells / Bifacial dual glass | **685-710 W** | 09 |
| **RN1 66BD**<br>132 half-cells / Bifacial dual glass | **700-725 W** | 09 |
| **RN1 72BD**<br>144 half-cells / Bifacial dual glass | **575-595 W** | 10 |
| **RN1 72M**<br>144 half-cells / Monofacial | **575-595 W** | 10 |
| **RN1 78BD**<br>156 half-cells / Bifacial dual glass | **620-640 W** | 11 |
| **RN1 78M**<br>156 half-cells / Monofacial | **625-645 W** | 11 |


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