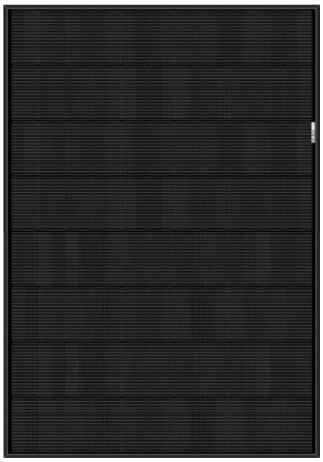
SOLAR PANEL / REC

REC Alpha Pure-RX 470W

REC470AA Pure-RX-DC

The REC Alpha Pure-RX combines 470 W of output with heterojunction cells and 22.6% efficiency. Its low temperature coefficient helps limit output loss as panels heat up.



470 W DC	22.6%	25 years
Panel rating	Module efficiency	Performance warranty

For your home

More power from each panel
A 470 W rating and 22.6% efficiency help make the most of your roof space.

Built for sunny, hot days
Panel output falls as the cells get hotter. REC's −0.24%/°C coefficient helps limit that drop.

Your system

- Inverter voltage and current compatibility
- Roof layout, shade and panel clearance
- Battery controls and utility requirements

MODEL DETAILS

Specifications & warranty

REC Alpha Pure-RX 470W · REC470AA Pure-RX-DC

Specification	Value
Panel model	REC470AA Pure-RX-DC
Rated panel output · STC	470 W DC
Module efficiency · STC	22.6%
Cell technology	88 half-cut heterojunction cells · gapless layout
Pmax temperature coefficient	−0.24%/°C
Voltage at maximum power	55.4 V
Current at maximum power	8.49 A
Dimensions · H × W × D	1,728 × 1,205 × 30 mm
Weight	22.7 kg / 50.0 lb
Manufacturing origin	Singapore
Product / performance warranty	20 years / 25 years
Year-25 warranted power	At least 92%
Variant	REC U.S. domestic-content line

Warranty

20-year product warranty and 25-year performance warranty, including at least 92% of rated output in year 25. Eligible REC ProTrust installations receive 25-year product coverage and labor coverage; installer certification, registration and system size determine eligibility.

Panel STC ratings are laboratory values; actual output varies with the installation and conditions.

Original sources

REC domestic-content manufacturer data sheet · June 2026

REC Alpha Pure-RX product information

REC warranty and ProTrust information