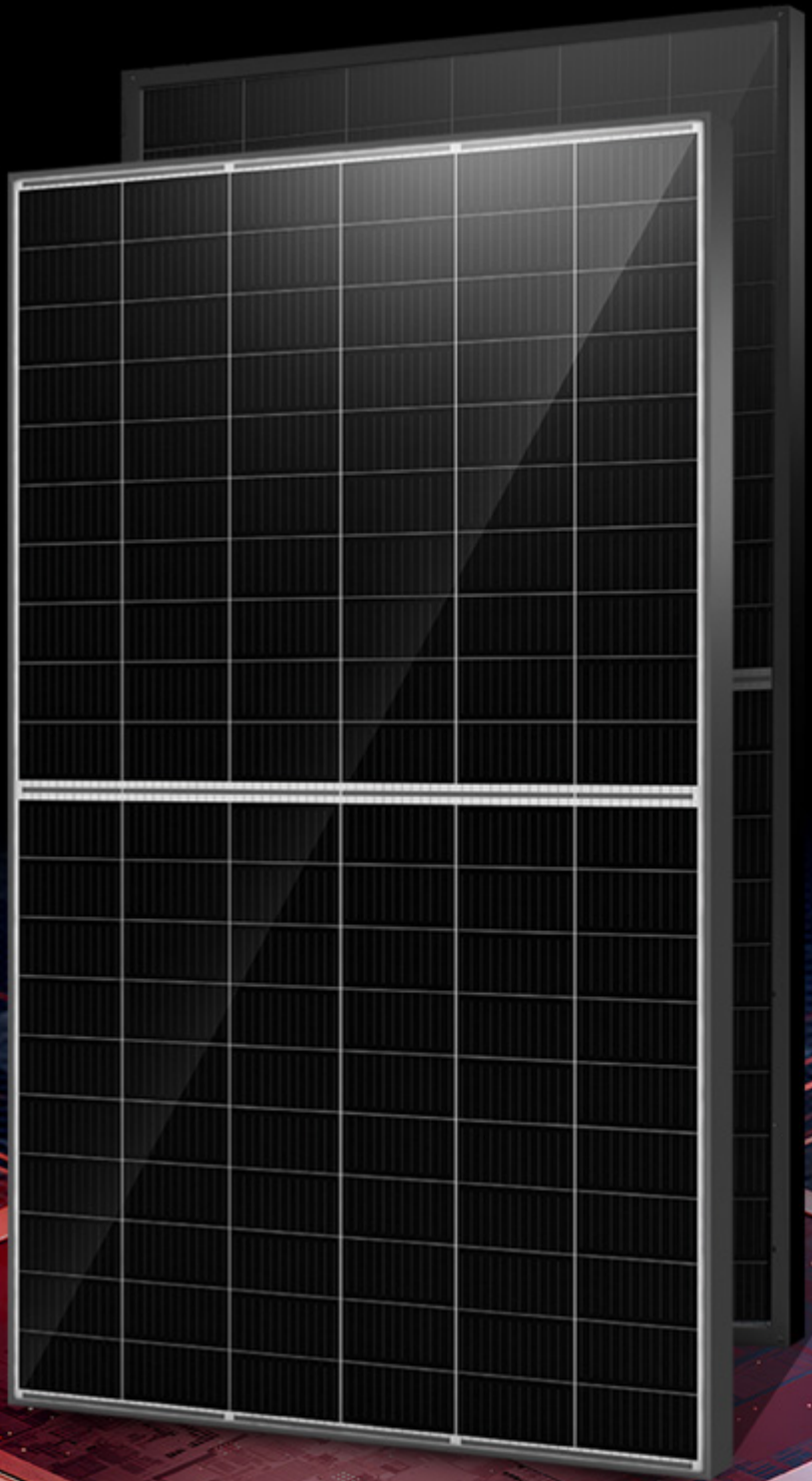


Lion

SERIES

HETEROJUNCTION
TECHNOLOGY



THE TECHNOLOGY
OF THE FUTURE TODAY

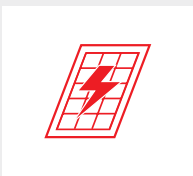
RECOM[®]
TECHNOLOGIES

HETEROJUNCTION TECHNOLOGY

From 430Wp & up to 750Wp



ADVANTAGES OF LION HETEROJUNCTION MODULES



**Up to 24,1%
Module
Efficiency**

HIGH EFFICIENCY

In STC condition, due to the Tandem technology, HJT modules have higher efficiency at least by 1% compared to other technologies. HJT is active on both UV and infrared wavelengths and has a higher light output.

NO LID&PID

HJT has no power loss against 1% first year (LID) and up to 5% after with PID syndrome in standard mono perc module.

Heterojunction (HJT) photovoltaic module is a ground breaking technology. HJT technology guarantees high performance and low degradation of the PV module, substantially improving results and yield over time.

Lion series reaches over 750Wp power, 7% higher compared to standard PV modules.



Low temperature
coefficient



High energy yield



Low degradation



KEY BENEFITS



Up to 24,1%
Module
Efficiency



≥ 90% Output
After 30 Years



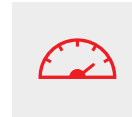
Low Temperature
Coefficient
-0,24% /°C



High
Bifaciality



No LID & PID



10% - 35% Power
Generation Gain

PERFORMANCE AT HIGH TEMPERATURES



HIGHER OUTPUT
IN HOT CLIMATE

+ 1,8% Specific yield (kWh/kWp) due
to low temperature coefficient



MORE EFFICIENT
SPACE UTILIZATION

- 6,3% Space required for 1MWp
of LION modules



HIGHER
GENERATION
PER UNIT AREA

+ 5,9% PV plant yield /sq.m.
in hot climate



HIGHER
BIFACIAL FACTOR

+ 4,0% Project installed with
sand soil albedo



LOWER
POWER LOSS

+ 5,6% PV plant yield in
30 years of using

LOW DEGRADATION

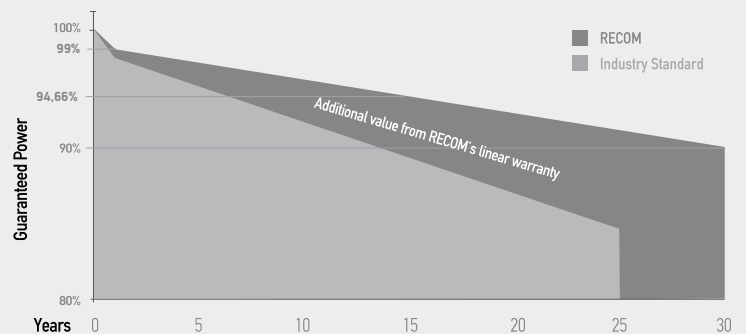
Lion series modules use HJT cell technology, which have lower degradation than Mono PERC panels.

More stable and sustainable electricity production.

Power yield ≥ 94.66% after 15 years, ≥ 92,5% after 25 years and ≥ 90% after 30 years.

HIGHER PERFORMANCE

Gain up to 20% more energy yield, in low-light conditions, in the morning and evening hours and during cloudy skies.



First Year Output | **≥ 99.0%** 2-30 Year Decline | **≤ 0.31%** 30 Year Output | **≥ 90.0%**

Great Appearance

**BLENDS PERFECTLY
WITH THE ROOFTOP**





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