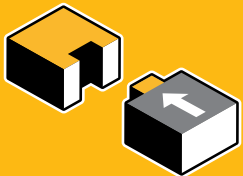


HIGH PERFORMANCE SOLAR MODULES

REC PEAK ENERGY INTEGRATED

The REC Peak Energy Integrated Solution is the perfect choice for building in-roof solar systems that combine the reliable power output of REC solar panels with the proven Solrif installation system. The solution is of uncompromising quality, weatherproof and aesthetic.



**EASY
TO INSTALL**



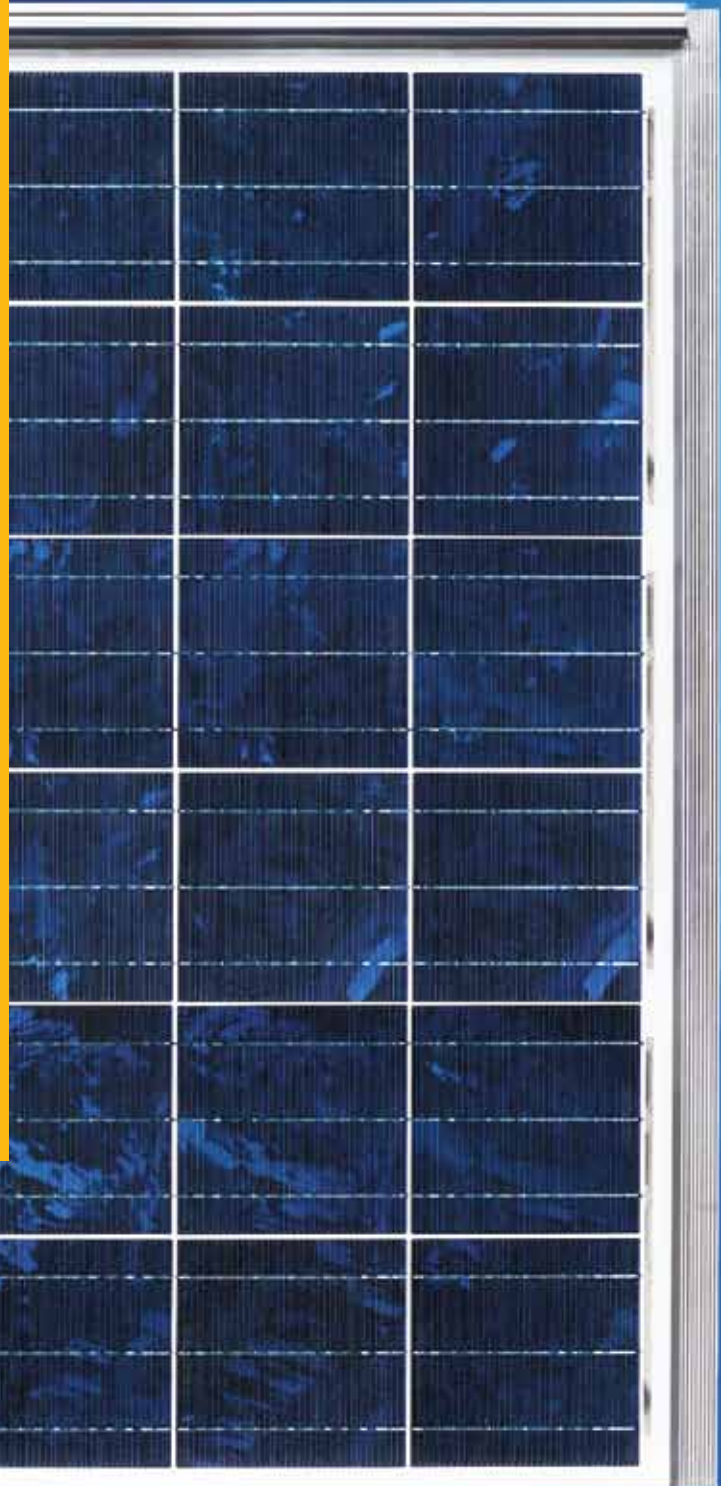
**ROBUST AND
DURABLE DESIGN**



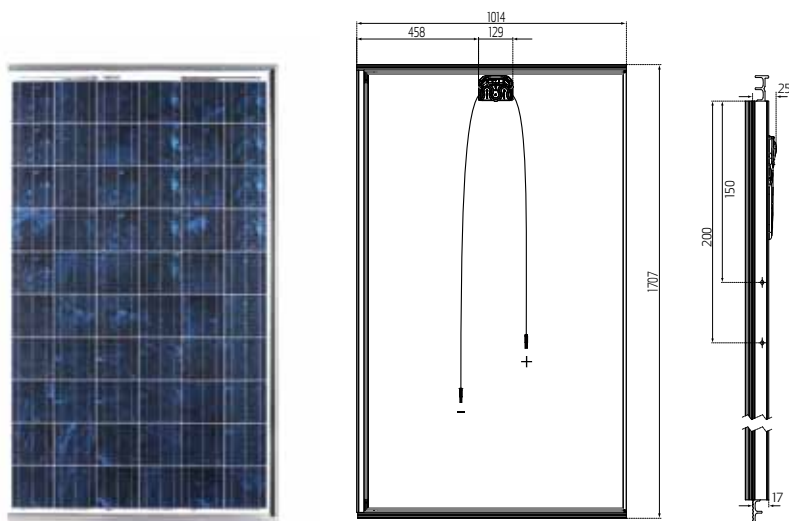
**INSTALLATION SYSTEM FOR
BUILDING INTEGRATION**



**OPTIMIZED FOR ALL
SUNLIGHT CONDITIONS**



REC PEAK ENERGY INTEGRATED



15.1% EFFICIENCY
10 YEAR PRODUCT WARRANTY
25 YEAR LINEAR PERFORMANCE WARRANTY

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	47.9°C (±2°C)
Temperature Coefficient of P_{MPP}	-0.43 %/°C
Temperature Coefficient of V_{OC}	-0.33 %/°C
Temperature Coefficient of I_{SC}	0.074 %/°C

ELECTRICAL DATA @ STC

	REC240PEI	REC245PEI	REC250PEI
Maximum Power - P_{MAX} (Wp)	240	245	250
Watt Class Tolerance - P_{TOL} (W)	0/+5	0/+5	0/+5
Maximum Power Voltage - V_{MPP} (V)	29.9	30.2	30.5
Maximum Power Current - I_{MPP} (A)	8.0	8.1	8.2
Open Circuit Voltage - V_{OC} (V)	37.0	37.2	37.5
Short Circuit Current - I_{SC} (A)	8.6	8.7	8.8
Module Efficiency (%)	14.5	14.8	15.1

Values at standard test conditions STC (air mass AM 1.5, irradiance 1000 W/m², cell temperature 25°C).

At low irradiation of 200 W/m² (AM 1.5 and cell temperature 25°C) at least 97% of the STC module efficiency will be achieved.

ELECTRICAL DATA @ NOCT

	REC240PEI	REC245PEI	REC250PEI
Maximum Power - P_{MAX} (Wp)	176	179	182
Maximum Power Voltage - V_{MPP} (V)	27.3	27.6	27.9
Maximum Power Current - I_{MPP} (A)	6.4	6.5	6.6
Open Circuit Voltage - V_{OC} (V)	34.1	34.3	34.5
Short Circuit Current - I_{SC} (A)	7.0	7.0	7.1

Nominal cell operating temperature NOCT (800 W/m², AM 1.5, windspeed 1 m/s, ambient temperature 20°C).

CERTIFICATION



Certified according to IEC 61215 and IEC 61730.



Member of PV Cycle

WARRANTY

10 year product warranty.
25 year linear performance warranty
(max. degradation in performance of 0.7% p.a.).

GENERAL DATA

Cell Type	60 REC PE multi-crystalline cells 3 strings of 20 cells - 3 by-pass diodes
Glass	Solar glass with antireflection surface treatment by Sunarc Technology
Back Sheet	Double layer highly resistant polyester
Frame	Solrif
Cable	Radox 4mm ² solar cable, 0.90m +1.20m
Connectors	Radox 4mm ² twist locking connector

MAXIMUM RATINGS

Operational Temperature	-40 ... +80°C
Maximum System Voltage	1000V
Maximum Load	551 kg/m ² (5400 Pa)
Maximum Wind Speed	197 km/h (safety factor 3)
Maximum Series Fuse Rating	15A
Maximum Reverse Current	15A

MECHANICAL DATA

Outer dimensions	1707 x 1014 x 25 mm
Laying dimensions	1690 x 984 x 34 mm
Area	1.73 m ²
Weight	18.3 kg

Note! Specifications subject to change without notice.

REC is a leading vertically integrated player in the solar energy industry. Ranked among the world's largest producers of polysilicon and wafers for solar applications and a rapidly growing manufacturer of solar cells and modules, REC also engages in project development activities in selected PV segments. Founded in Norway in 1996, REC is an international solar company employing about 4,000 people worldwide with revenues close to EUR 1.7 billion in 2010. Visit www.recgroup.com to learn more about REC.



www.recgroup.com