

DANDELION

(EUQJH54J-415-430W | 2nd Gen.)

Product information & pricing

The new U-IBC/PEC contact technology solves many of the challenges of actual lightweight modules.



DANDELION (EUQJH54J-415-430W | 2nd Gen.)

The new level of high efficiency lightweight module with U-IBC Cell

More hotspot resistance

based on our new PEC technology

More contact reliability

as there are no contact ribbons used

More moisture barrier

as the more layers form a vapor barrier

More efficiency

as the cell conversion is up to 26% and performance been optimized by lower temperature

Low weight (2.5 kg/m²), same power and our new U-IBC/PEC contact technology solves many of the challenges of actual lightweight modules.

- Higher reliability-as the lower degradation rate, superiority in fire-resistance, excellent performance in dynamic load (wind, snow, hail etc.) make them more durable and reliable
- Higher performance – due to optimized heat transmission using copper
- No roof penetration for installation-as they can be integrated in the roofs with adhesive
- Aesthetic design-as there are no busbars, no ribbons, making them smooth in the surface
- Customization at its best: available in multiple sizes and colors.



Product Warranty



Linear Performance



Designed by

EURONERGY B.V.
Zuidplein 132 • 1077XV Amsterdam, NL
Tel. +31 (0)20-6753588
info@euronergysolar.com • www.euronergysolar.com

For D-A-CH

OSNATECH GmbH
Gewerbepark 9-11 • 49143 Bissendorf
Tel. +49 5402 96507 60
info@osnatech.de • www.osnatech.de





22.2%
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

≤2%
FIRST YEAR
POWER DEGRADATION

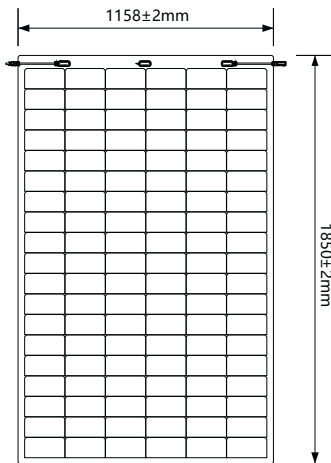
0.55%
YEAR 2-25
POWER DEGRADATION

U-IBC HALF-CELL
Lower operating temperature

TYPICAL ELECTRICAL PARAMETERS

Model	EUQH57J410		EUQH57J415		EUQH57J420		EUQH57J425		EUQH57J430	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Rated Power (P _{mp}) /W	410	309	415	313	420	317	425	320	430	324
Rated Current (I _{mp}) /A	11.97	9.57	12.03	9.63	12.10	9.68	12.16	9.74	12.23	9.79
Rated Voltage (V _{mp}) / V	34.31	32.30	34.53	32.50	34.74	32.71	34.96	32.91	35.17	33.11
Short Circuit Current (I _{sc}) /A	12.80	10.47	12.88	10.53	12.95	10.60	13.03	10.66	13.10	10.72
Open Circuit Voltage (V _{oc}) /V	40.96	38.97	41.18	39.18	41.39	39.39	41.61	39.59	41.82	39.80
Effective Module Efficiency(η) /%	21.17%		21.43%		21.69%		21.94%		22.20%	

STC(Standard Testing Conditions):Irradiance 1000W/m², Air Mass 1.5, Cell Temperature 25°C, Measuring Tolerance ±3%
NOCT(Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind speed 1m/s



ABSOLUTE MAXIMUM RATING

Operating Temperature	From -40 to +85°C
Maximum Series Fuse Rating	25A
Safety Class	II
Fire Rating (IEC 61730)	C
Maximum System Voltage	DC 1500V

MECHANICAL CHARACTERISTICS

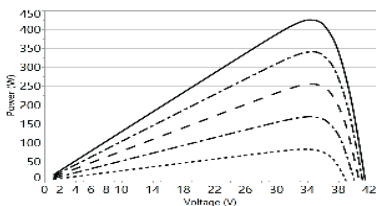
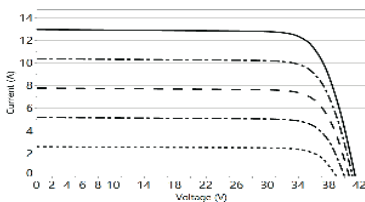
Cell Type	Mono-crystalline U-IBC 182mm×91.9mm, 114 (6×19)
Effective Module Dimension(L×W)	1763.6mm×1098.2mm
Dimension (L×W×H)	1850mm x 1158mm x 2mm(72.8x45.6x0.07 inches)
Weight	5.2±0.3kg
Cable	4mm ² (IEC), 300mm or customized length
Junction Box	IP 68 with three bypass diodes
Connector	Original MC4

TEMPERATURE RATINGS

Voltage Temperature Coefficient	-0.220%/°C
Current Temperature Coefficient	+0.050%/°C
Power Temperature Coefficient	-0.240%/°C
Tolerance	0~+5W
NOCT	43 ± 2 °C

PACKING CONFIGURATION

40'HQ Container	Pallet/container	Piece/container
Pieces (126 pcs per pallet)	18	2268



The validity of the certificates/listings for a specific country can be examined under www.euronergysolar.com



Pricelist (EUQJH54J-415-430W | 2nd Gen.)

Valid from: March, 1st 2025



Special packing to
avoid micro cracks
in the cells

EUQJH57 J 410-430W	up to 1 pallet	up to 5 paletts	from 1 cont.	from 2 cont.	from 3 cont.	from 10 cont.
Units/pcs	126	630	2.268	4.536	6.804	22.680
KWp	53	265	953	1.905	2.858	9.526
Price EUR/Wp	0,340 €	0,330 €	0,315 €	0,300 €	0,290 €	0,290 €
Price EUR/Module	142,80 €	138,60 €	132,30 €	126,00 €	121,80 €	121,80 €

All prices plus VAT and freight costs
Errors and misprints excepted

Logistic information	Module	Pallet
Unit (Module)	1	0
Palett (pcs)	126	1
Container (pcs)	2268	18



About

EUROENERGY[®]

With a commitment to sustainable energy solutions, Euronergy has a top-notch technology and management team in Europe and one existing manufacturing base in Asia and one planned in Europe. Euronergy has already set up sales offices in the Netherlands, Germany, France, Czechia and Middle East. Euronergy is also actively expanding its business in the Americas, Australia and Africa by setting up strategic partnerships and accelerating the pace of innovation in the global market.

EUROENERGY B.V.
Zuidplein 132 • 1077XV Amsterdam, NL
Tel. +31 (0)20-6753588
info@euronergysolar.com • www.euronergysolar.com



As a solution provider for energy-efficient living, we offer photovoltaic and heating technology for private individuals and companies for new builds, renovations, existing buildings - and even mobile since 10 years. If you are looking for sustainable, affordable energy technology that saves both costs and CO₂, we are the right partner for your project. Holistic and sustainable energy solutions based on non-fossil, renewable energy sources: OSNATECH develops, researches and distributes innovative, efficient and clean energy technology for CO₂-neutral construction and living.

OSNATECH GmbH
Gewerbepark 9-11 • 49143 Bissendorf
Tel. +49 5402 96507 60
info@osnatech.de • www.osnatech.de