EURONET

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PRODUCT CATALOGUE

EURONET SOLAR PANELS 2026

Euronet Solar Panels represent a premier advancement in photovoltaic technology, engineered to power the transition toward sustainable living. From compact portable modules to utility-scale bifacial systems, our range delivers reliable, high-efficiency energy solutions for residential, commercial, and industrial applications. Built with Grade-A monocrystalline cells, anti-reflective glass, and intelligent thermal management, every Euronet panel is designed for 25+ years of dependable performance across the harshest climatic conditions.

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POWERING PROGRESS ACROSS THE GLOBE

3000+
Distrubutors

15+
Industries

60+
Countries & Region

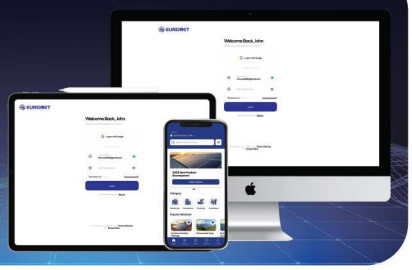
24/7 Intelligent Assistance
Sales Support and
After Sales Support

250+
Product Categories & SKUs

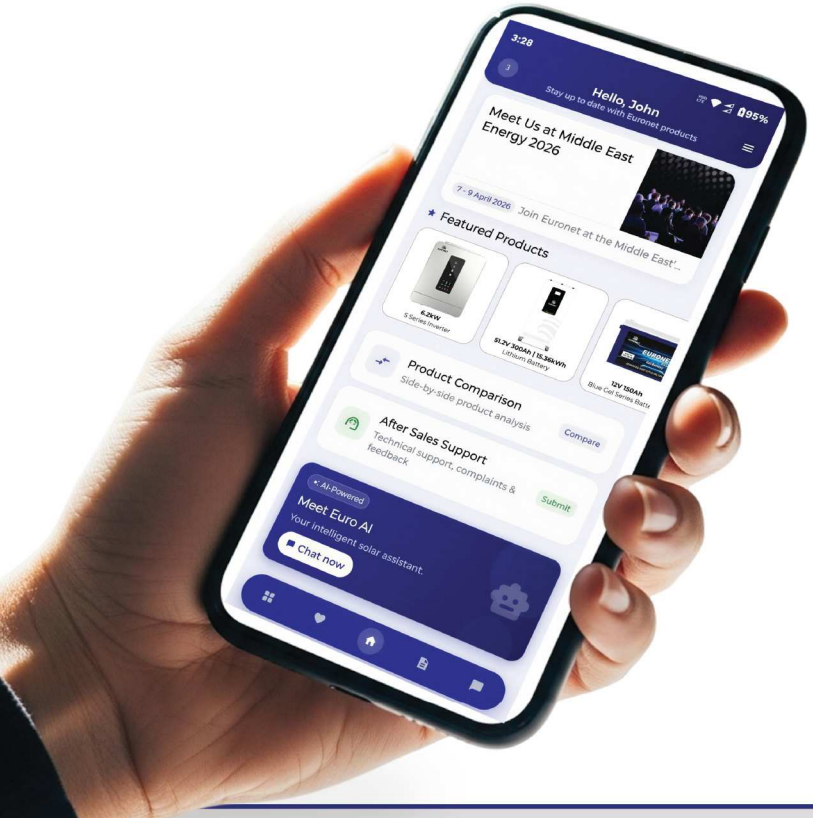
Design
Innovative design shapes our products combining functionality, efficiency, and aesthetics to meet diverse global energy

Globally Certified Excellence
Certified to meet global standards

One Stop Ecosystem
Complete digital ecosystem



20+
Years of Excellance



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Solar Panel Series Catalog — 2026

Four product families covering the full spectrum of solar energy requirements

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Solar Panel Family Selection Guide

Matching the Right Series to Every Customer Need

SOLAR PANEL SERIES CHARACTERISTICS			
Series/Models	**Power Range**	**Key Differentiators**	**Applications**
Compact Series	10W to 100W (0.01 to 0.1 kW)	Small form factor, portable, RFID-tagged	Off-grid, portable, small rooftop
Standard Mono	170W to 300W (0.17 to 0.3 kW)	Mono crystalline, Class A, rooftop optimised	Residential, agricultural
High-Power Mono	350W to 450W (0.35 to 0.45 kW)	Half-cell technology, 1500V system voltage	Commercial, industrial
Bifacial Double-Glass	450W to 720W (0.45 to 0.72 kW)	TOPcon, bifacial, SMBB, up to 23.18% efficiency	Utility-scale, harsh climate

How to select the right Solar Panel

1

Size the Load

Calculate daily kWh requirement and peak draw. Add 20% safety margin.

2

Choose Panel Type

Compact for portability; Mono for rooftop; Bifacial for utility-scale installations.

3

Check System Voltage

1000V for standard residential systems; 1500V for high-power and bifacial systems.

4

Assess the Environment

Harsh climate, desert, or coastal conditions — choose Bifacial Double-Glass with IP68 rating.

5

Plan for Expansion

Bifacial and Mono series support series and parallel stringing for future capacity growth.

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COMPACT SERIES

Compact Solar Panel Series — 10W I 20W I 30W I 40W I 50W I 80W I 100W

Ideal for portable, off-grid, and small rooftop applications with zero-maintenance reliability.

POWER RANGE **10W to 100W**	CELL TYPE **Mono Crystalline**
MAX SYSTEM VOLTAGE **1000V**	OPERATING TEMPERATURE **-40°C to +85°C**
JUNCTION BOX **IP67 / IP68**	DESIGN LIFE **Over 25 Years**

OVERVIEW

The Compact Series covers seven models from 10W to 100W, built with monocrystalline cells in anodized aluminum alloy frames with tempered glass front covers. Designed for rooftop, portable, and off-grid applications, each module undergoes rigorous in-house quality control including Damp Heat, Thermal Cycling, and Humidity Freeze testing. All panels feature RFID identification tags, PID-free operation, and are rated to sustain wind and snow loads up to 2400Pa and 5400Pa respectively.

KEY FEATURES

100% A-Grade Mono Cells
High-efficiency mono cells, low resistance for consistent power in all light.

PID-Free Modules
PID-free design for reliable, stable, long-term panel performance.

IP67 / IP68 Junction Box
Advanced weatherproof junction box with MC4-rated connectors for all-weather outdoor operation

RFID Identification
Every panel carries an RFID tag for full traceability, asset management, and quality verification in the field

Micro Crack Free
100% Crack-free cells (pre/post lamination tested) for integrity and output.

25-Year Design Life
Euronet Linear Power warranty: 98% at Year 1 declining to 80.7% at Year 25 performance retention guaranteed

TECHNICAL NOTE

All models rated at STC: 1000W/m2, AM1.5, Tc=25°C. Maximum system voltage 1000V. Maximum series fuse rating 15A. Frame material: Anodized aluminium alloy. Front cover: Tempered glass. Module application: Class A.
Power tolerance: +/-3%.Temperature coefficient Pmax: -0.45 per degree C. NOCT: 45°C. All panels sustain 2400Pa wind load and 5400Pa snow load.

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COMPACT SERIES
Solar Panel Specifications

PARAMETER	EU-M10W	EU-P20W	EU-M30W	EU-P40W	EU-P50W	EU-P80W	EU-M100W
GENERAL							
Rated Power (Pmax)	M10W	P20W	M30W	**40W**	P50W	P80W	M100W
Peak Voltage (Vmp)	21.0V	27.5V	25.0V	23.0V	25.0V	38.0V	41.0V
Peak Current (Imp)	2.6A	3.9A	6.6A	8.8A	10.5A	22.6A	38.4A
Open Circuit Voltage (Voc)	28.0V	25.5V	36.5V	39.5V	38.5V	46.5V	70.2V
Short Circuit Current (Isc)	3.8A	5.6A	8.9A	11.3A	13.6A	16.5A	23.0A
Power Tolerance	±1.5%	±1.5%	±1.5%	±1.5%	±1.5%	±1.5%	±1.5%
MECHANICAL							
Dimensions (mm)	100x200	200x200	300x300	440x200	550x200	600x800	900x1100
Weight	65g	100g	120g	250g	190g	185g	251g
Cell Type	Mono Crystalline						
Front Cover	Tempered Glass						
Frame Material	Anodized Aluminium Alloy						
SYSTEM							
Max System Voltage	240V	240V	240V	240V	240V	280V	300V
Max Fuse Rating	20A	50A	100V	100V	80A	100V	200V
Application Class	Class A						
RFID	Yes						
ENVIRONMENT							
Operating Temperature	-40°C to +85°C						
NOCT	45°C						
Temperature Coefficient							
Pmax	-0.45%/°C						
Voc	-0.35%/°C						
Isc	-0.060%/°C						
SERVICE LIFE							
Design Life	Over 25 Years						

**All specifications at 25°C ambient unless stated.*

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STANDARD MONO SERIES

Standard Mono Series — 170W I 200W I 250W I 280W I 300W

Versatile monocrystalline modules for residential rooftops and agricultural applications

POWER RANGE **170W to 300W**	RATED CAPACITY **560Ah / 28.67kWh**
CELL ARRANGEMENT **48 to 72 Cells**	POWER WARRANTY **25-Year Linear**
MAX SYSTEM VOLTAGE **1000V**	OPERATING TEMPERATURE **-40°C to +85°C**

OVERVIEW

The Standard Mono Series comprises five models from 170W to 300W, designed for residential rooftop, agricultural pumping, and commercial on-grid and off-grid applications. Each module is built with monocrystalline cells in an anodized aluminum alloy frame and tempered glass cover. The series features Euronet's Linear Power guarantee — 98% output at Year 1 declining to 80.7% at Year 25 — and passes rigorous Damp Heat, Thermal Cycling, and Humidity Freeze environmental tests. All models include RFID tags and are rated for salt mist, ammonia, blowing sand, and hail resistance.

KEY FEATURES

Mono Crystalline Cells
High-efficiency Grade-A cells with ARC coating for maximum light absorption.

25-Year Linear Power Guarantee
Euronet Linear Power: %98 retention at Year 1, %84.8 at Year 10, and %80.7 at Year 25.

On-Grid and Off-Grid Ready
Works with on-grid inverters and off-grid storage for maximum installation flexibility.

Salt Mist and Sand Resistant
Certified for salt, ammonia, sand, and hail—ideal for coastal and desert environments.

Positive Power Tolerance
+/-3% to 5% positive tolerance: Guaranteed to meet or exceed rated output.

Wind and Snow Load Rated
Withstands 2400Pa wind and 5400Pa snow loads for durability in all climates.

TECHNICAL NOTE

All models use mono crystalline cells. Maximum system voltage 1000V. Maximum series fuse rating 15A. Frame: Anodized aluminium alloy. Front cover: Tempered glass. RFID tagged. Operating temperature -40°C to +85°C. NOCT 45°C. Temperature coefficient Pmax: -0.45 per degree C. Voc: -0.35 per degree C. Isc: -0.060 per degree C. Power tolerance: +/-5W. All models packaged 2 pieces per carton.

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STANDARD MONO SERIES
Solar Panel Specifications

PARAMETER	EU-M170W	EU-M200W	EU-250W	EU-280W-HV	EU-M300W
GENERAL					
Rated Power (Pmax)	M170W	P200W	M250W	440W	M300W
Peak Voltage (Vmp)	18.9V	18.3V	30.0V	31.3V	36.5V
Peak Current (Imp)	8.99A	10.93A	8.8A	8.95A	8.22A
Open Circuit Voltage (Voc)	22.11V	22.4V	40.70V	38.4V	43.2V
Short Circuit Current (Isc)	10.51A	12.02A	7.84A	9.37A	9.05A
Power Tolerance	+/-3%	+3%	+/-5W	0 to +3W	+/-3%
MECHANICAL					
Cell Type	Mono Crystalline				
Cell Arrangement	48 (6x8)	48 (6x8)	60 (6x10)	72 (6x12)	72 (6x12)
Dimensions (mm)	1480x670x35	1329x982x50	1645x982x50	1640x992x35	1956x992x40
Weight	10.2kg	18.0kg	22.0kg	19kg	20kg
Front Cover	Tempered Glass				
Frame Material	Anodized Aluminium Alloy				
Standard Packaging	2 PCS per Carton				
SYSTEM					
Max System Voltage	1000V				
Max Fuse Rating	15A				
Application Class	Class A	Class A	Class A	Class A+	Class A
RFID	Yes				
ENVIRONMENT					
Operating Temperature	-40°C to +85°C				
NOCT	45°C				
Temperature Coefficient					
Pmax	-0.45%/°C				
Voc	-0.35%/°C				
Isc	-0.060%/°C				
SERVICE LIFE					
Design Life	Over 25 Years				

**All specifications at 25°C ambient unless stated.*

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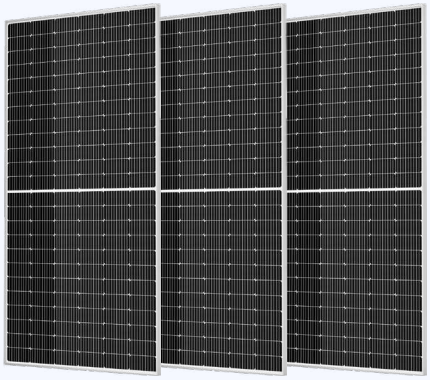
HIGH POWER MONO SERIES

High-Power Mono Series — 350W I 380W I 450W

Half-cell monocrystalline modules with 1500V system voltage for commercial solar installations



POWER RANGE **350W to 450W**	CELL TYPE **182 MONO Half-Cell**
SYSTEM VOLTAGE **1500V DC**	MODULE EFFICIENCY **Up to 21.1%**
OPERATING TEMPERATURE **-40°C to +85°C**	DESIGN LIFE **25 Years**

OVERVIEW

The High-Power Mono Series includes three models — 350W, 380W, and 450W — built with 182mm monocrystalline half-cell technology in a 144-cell configuration. Each module features a 3.2mm anti-reflection coated tempered glass front, IP68-rated junction box, and MC4-compatible connectors. The half-cell design significantly reduces string current and module losses, making it ideal for high-temperature commercial environments. The EU-450-BMA-HV achieves up to 21.1% module efficiency and is fully compatible with 1500V DC systems. All models feature multi-busbar cell architecture and pass rigorous salt mist, ammonia, sand, and hail resistance testing.

KEY FEATURES

182mm Half-Cell Technology
Reduces current and internal losses—optimal for high-temp commercial and industrial use.

Multi-Busbar Cells
Reduces shading loss and lowers hot-spot risk across the module.

PID-Free Design
Premium materials and strict processes ensure long-term PID resistance.

Lower LID Performance
Lower oxygen and carbon levels ensure minimal Light-Induced Degradation (LID) from day one.

1500V DC System Ready
Supports 1500V DC maximum system voltage for large commercial, industrial, and infrastructure solar installations

IP68 Junction Box
Weatherproof 3-diode junction box with 4mm² PV cable for permanent outdoor use.

TECHNICAL NOTE

EU-350W-HV: 350W, Vmp 37.9V, Imp 9.24A, Voc 46.5V, Isc 9.68A, 1500VDC, 20A fuse, 21kg, 1995x992x35mm. EU-M380W: 380W, Vmp 39.6V, Voc 48.10V, Isc 10.06A, 1000VDC, 15A fuse, 23kg, 1979x996x35mm, Class A+, Fire Class C. EU-450-BMA-HV: 450W, Vmp 41.20V, Imp 10.92A, Voc 50.06V, Isc 11.47A, NOCT 45 +/- 2 degrees C, 1500VDC, 20A fuse, 23.5kg, 2094x1038x35mm, IP68, 3 diodes, MC4 compatible, 2400Pa / 5400Pa wind and snow rated.

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HIGH POWER MONO SERIES
Solar Panel Specifications

PARAMETER	EU-M350W-HV	EU-M380W	EU-450-BMA-HV
GENERAL			
Rated Power (Pmax)	350W	380W	450W
Power Tolerance	0 to +3W	+/-3%	0 to +3W
Module Efficiency	----	21.1%	----
STC Electrical			
Peak Voltage (Vmp)	37.9V	39.6V	41.20V
Peak Current (Imp)	9.24A	9.60A	10.92A
Open Circuit Voltage (Voc)	46.5V	48.10V	50.06V
Short Circuit Current (Isc)	9.68A	10.06A	11.47A
Mechanical	Mono Crystalline	Mono Crystalline	182 MONO Half-Cell
Cell Array	----	144 pcs (6x24)	----
Dimensions (mm)	1995x992x35	1979x996x35	2094x1038x35
Weight	21kg	23kg	23.5kg
Glass	Tempered	Tempered	3.2mm ARC Tempered
Frame	Anodized Aluminium Alloy		
Junction Box	----	IP68	
Cable	----	4mm2, L=300mm	
Diode Quantity	----	3	
Wind / Snow Load	----	2400Pa / 5400Pa	
Connector	--	MC4	MC4 Compatible
SYSTEM			
Max System Voltage	1500VDC	1000VDC	1500VDC
Max Fuse Rating	20A	15A	20A
Application Class	A	A+	A
Fire Class		C	
Temperature Coefficients			
NOCT	45 +/- 42°C	--	45 +/- 2°C
Pmax Coefficient	-0.38%/°C		
Voc Coefficient	-0.35%/°C		
Isc Coefficient	+0.06%/°C		
Environment			
Operating Temperature	-40°C to +85°C		

**All specifications at 25°C ambient unless stated.*

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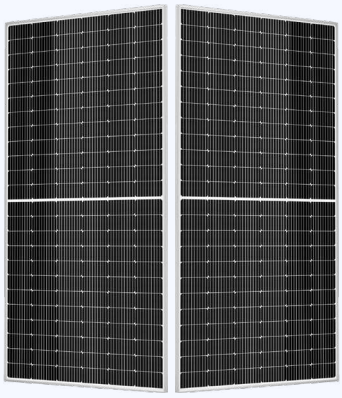
BIFACIAL DOUBLE-GLASS SERIES

Bifacial Double-Glass Series — 450W I 540W I 590W I 720W

Utility-scale optimized TOPcon bifacial panels with double-glass strength and low degradation rate



POWER RANGE **450W to 720W**	TECHNOLOGY **TOPcon / SMBB**
MODULE EFFICIENCY **Up to 23.18%**	CELL TYPE **182 MONO Half-Cell**
SYSTEM VOLTAGE **1500V DC**	CONSTRUCTION **Bifacial Double-Glass**

OVERVIEW

The Bifacial Double-Glass Series is Euronet's flagship utility-scale offering, available in 450W, 540W, 590W, and 720W configurations. Built on TOPcon — Tunnel Oxide Passivated Contact — cell architecture combined with Super Multi-Busbar technology, these panels deliver industry-leading module efficiency of up to 23.18%. The double-glass construction provides exceptional mechanical strength and durability, while the bifacial design captures reflected irradiance from the rear surface for additional energy yield. Rated for the harshest climatic conditions including salt mist, blowing sand, and extreme temperature cycles, this series is the ideal choice for utility farms, large commercial rooftops, and infrastructure projects.

KEY FEATURES

TOPcon Cell Technology
TOPCon architecture: Delivers industry-leading efficiency with lower lifetime degradation.

Bifacial Energy Gain
Rear-side light capture adds additional energy yield over standard monofacial panels.

Double-Glass Construction
Dual-glass laminate offers superior resilience, weatherproofing, and extended service life.

SMBB Technology
SMBB design reduces shading, current per busbar, and hot-spot risks in all conditions.

Utility-Scale Optimized
Optimized for utility-scale farms, commercial rooftops, and infrastructure energy projects.

Harsh-Climate Ready
Salt mist, ammonia, sand, and hail tested and certified — rated -40°C to +85°C for dependable year-round operation

TECHNICAL NOTE

EU-450-BMA-HV: 450W, Vmp 41.20V, Imp 10.92A, Voc 50.06V, Isc 11.47A, efficiency 21.1%, 23.5kg, 2094x1038x35mm, IP68, 1500VDC, 20A fuse. EU-540W: 540W, Vmp 40.80V, Imp 13.27A, Voc 49.50V, Isc 13.85A, efficiency 21.1%, 27.5kg, 2256x1133x35mm, IP68, 1500VDC, 25A fuse. EU-590W and EU-720W: TOPcon bifacial double-glass, up to 23.18% module efficiency, SMBB technology, 1500VDC, IP68, MC4 compatible, 2400Pa / 5400Pa wind and snow rated.

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BIFACIAL DOUBLE-GLASS SERIES

Solar Panel Specifications

PARAMETER	EU-450-BMA-HV	EU-540W	EU-590W	EU-720W
GENERAL	450W	540W	590W	720W
Rated Power (Pmax)	0 to +3W	0 to +5W		0 to +5W
Technology	Mono Half-Cell	Mono Half-Cell	TOPcon Bifacial	TOPcon Bifacial
Module Efficiency	21.1%	21.1%		23.18%
STC Electrical				
Peak Voltage (Vmp)	41.20V	40.80V	----	
Peak Current (Imp)	10.92A	13.27A	----	
Open Circuit Voltage (Voc)	50.06V	49.50V	----	
Short Circuit Current (Isc)	11.47A	13.85A	----	
Mechanical	182 MONO Half-Cell	182 MONO Half-Cell	TOPcon	TOPcon
Cell Array	144 pcs (6x24)	144 pcs (6x24)	----	
Dimensions (mm)	2094x1038x35	2256x1133x35	----	
Weight	23.5kg	27.5kg	----	
Glass	3.2mm ARC Tempered	3.2mm ARC Tempered	Double-Glass	Double-Glass
Frame	Anodized Aluminium Alloy			
Junction Box	----	IP68		
Cable	4mm2, 300mm	4mm2, 300mm		
Diode Quantity	3			
Wind / Snow Load	2400Pa / 5400Pa			
Connector	MC4 Compatible			
SYSTEM				
Max System Voltage	1500VDC			
Max Fuse Rating	20A	20A	25A	25A	20A
Application Class	A			
Fire Class	C			
Temperature Coefficients				
NOCT	45 +/- 2°C	44 +/- 2°C		
Pmax Coefficient	-0.38% per degree C	-0.38% per degree C		
Voc Coefficient	-0.35% per degree C	-0.35% per degree C		
Isc Coefficient	+0.06% per degree C	+0.06% per degree C		
Environment				
Operating Temperature	-40°C to +85°C			

**All specifications at 25°C ambient unless stated.*

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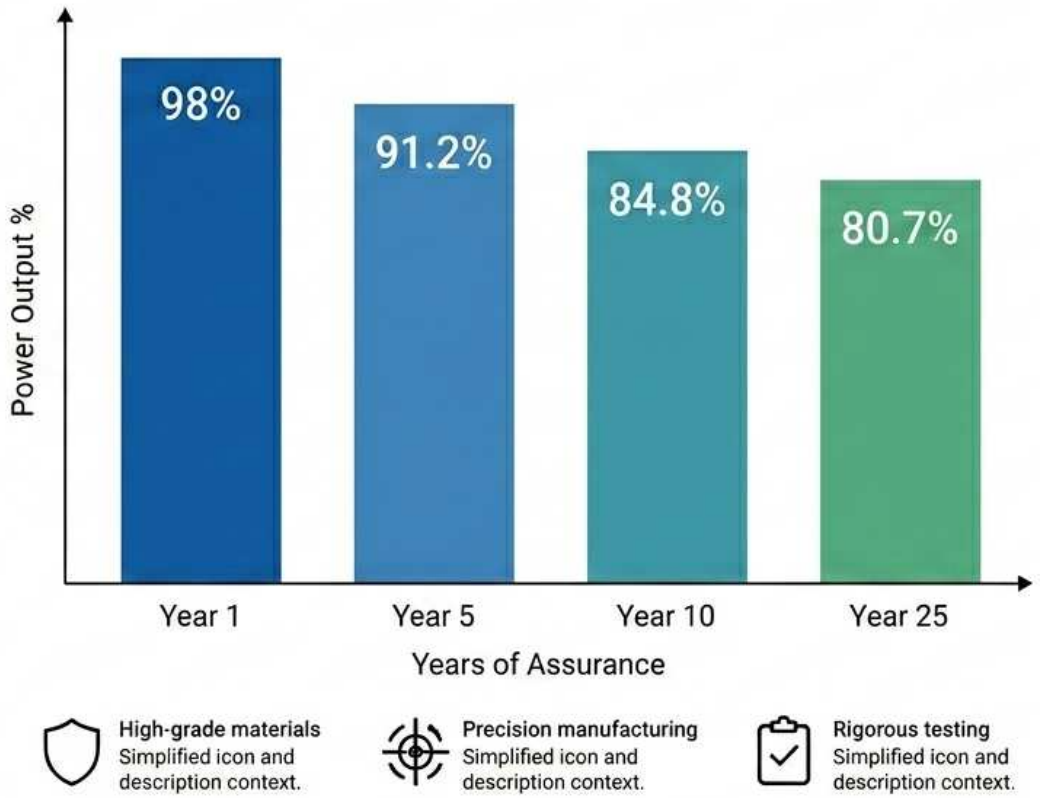
Euronet Linear Power

25-Year Performance Guarantee
Every Euronet solar panel is backed by a linear power output warranty designed for the long haul



What is the Linear Power Warranty?
Unlike stepped degradation guarantees, Euronet's Linear Power warranty guarantees a smooth, predictable output decline across the full 25-year panel life. This means every year of ownership is protected — not just the first and last. Each panel is manufactured to deliver consistent, bankable output from Day 1 through to Year 25.

What This Means for Your System?
A 450W panel still delivers a minimum of 363W at Year 25. This consistent baseline output enables accurate long-term energy yield modelling for project financing, ROI calculations, and grid injection contracts. Investors, developers, and installers can rely on Euronet's linear guarantee as a foundation for project bankability.

Designed for Roof Top Application

Reliable for All Environmental Conditions

High Power Output Using High Efficiency Cells

Durable for 25 Years

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Engineered for Performance. Built for Reliability

Delivering innovative power, energy storage, security, and technology solutions designed for efficiency, durability, and long-term value

Certifications & Standards

CB MARKED
International Safety Certification

CE MARKED
European Conformity Marked

IEC COMPLIANT
International Electrotechnical Commission

ISO 9001:2015
Quality Management

Power Beyond

Efficient • Intelligent • Reliable

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