

Ultra Back Contact N-type

FRONT SIDE

650-665W

› Double Glass Bifacial



Module efficiency

Module efficiency up to 24.62 %



Elegant design

Cells free from frontal metallization



Sustainable product

High percentage of recyclable materials



PFAS free

Product free from perfluoroalkyl and polyfluoroalkyl substances



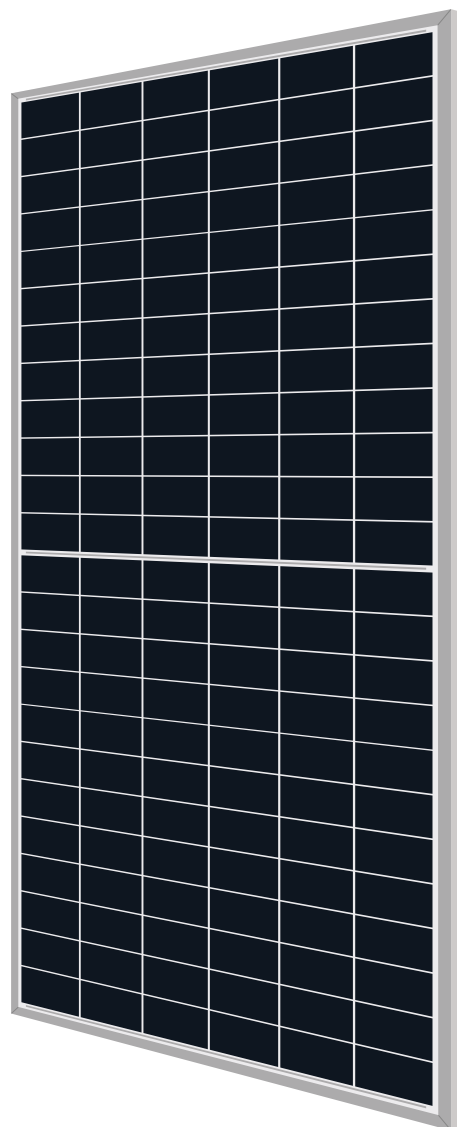
Better temperature coefficient

Minimized thermal losses, improved efficiency



Increased PV surface

Higher power output for ground projects



25

Years

Product Warranty

+5 years for Premium Partners

30

Years

Performance Warranty

Linear Warranty

1% First year degradation

0.35% Annual degradation

88.85% Power in year 30

Light up your world with Eurener

Eurener's extensive portfolio of certifications and awards is testament to our unwavering commitment to our partners and our deep sense of social and ethical responsibility.



Spanish Quality Worldwide



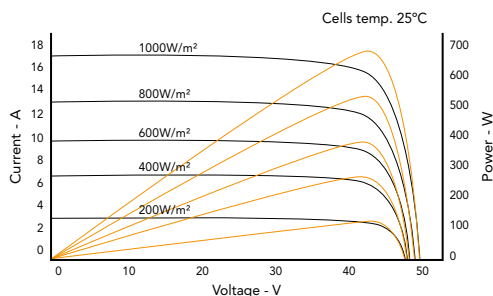
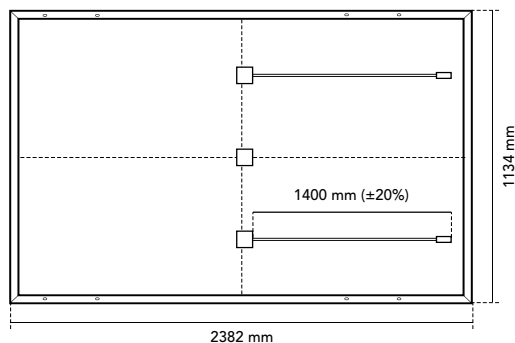
Awarded as TOP Brand PV



EcoVadis Platinum Medal for three consecutive years



MEPV650VV-17ZII, MEPV655VV-17ZII, MEPV660VV-17ZII, MEPV665VV-17ZII — ULTRA Double Glass Bifacial



Mechanical specification

Solar cells	N-Type bifacial monocrystalline silicon cells
Front Glass	2 mm anti-reflective surface tempered solar glass
Back Glass	2 mm tempered solar glass
Frame	Silver anodized aluminium
Junction Box	IP68, 3 by-pass diodes
Connector	Original MC4-Evo 2
Cable	1400 mm (±20%) length and 4 mm² section
Dimension	2382 x 1134 x 30 mm (±1%)
Area	2.7 m²
Weight	33.5 kg
Packaging	720 pcs/truck

Temperature coefficients

Temperature coefficient of Isc (α)	0.05 %/°C
Temperature coefficient of Voc (β)	-0.2 %/°C
Temperature coefficient of Pmax (γ)	-0.26 %/°C
Temperature range	-40 °C ~ +85 °C
Nominal operating cell temperature (NOCT)	45 ± 2 °C

	MEPV 650		MEPV 655		MEPV 660		MEPV 665	
Electrical characteristics	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Nominal power. Pmax	650 Wp	496 Wp	655 Wp	499 Wp	660 Wp	503 Wp	665 Wp	506 Wp
Short-circuit current (Isc)	16.52 A	13.27 A	16.61 A	13.34 A	16.67 A	13.39 A	16.79 A	13.48 A
Open-circuit voltage (Voc)	49.75 V	47.28 V	49.86 V	47.38 V	49.95 V	47.47 V	50.01 V	47.54 V
Maximum power current (Imp)	15.85 A	12.70 A	15.93 A	12.76 A	16.02 A	12.83 A	16.09 A	12.91 A
Maximum power voltage (Vmp)	41.10 V	39.06 V	41.16 V	39.12 V	41.22 V	39.17 V	41.34 V	39.23 V
Module efficiency	24.06 %		24.24 %		24.44 %		24.62 %	
Electrical characteristics	Bifacial gain 10%							
Nominal power. Pmax	715 Wp		721 Wp		726 Wp		732 Wp	
Short-circuit current (Isc)	18.17 A		18.27 A		18.34 A		18.47 A	
Open-circuit voltage (Voc)	49.75 V		49.86 V		49.95 V		50.01 V	
Maximum power current (Imp)	17.40 A		17.50 A		17.61 A		17.69 A	
Maximum power voltage (Vmp)	41.10 V		41.16 V		41.22 V		41.34 V	

* STC: 1000 W/m², module temperature 25°C, AM 1.5 * NOCT: 800 W/m², ambient temperature 20°C, AM 1.5

Operating parameters

Maximum voltage	1500 V
Maximum series fuse rating. Ir	30 A
Power output tolerance	0 - +3 %
Voc and Isc tolerance	± 3 %
Fire rating	BROOF (t4) (EN 13501-5) Class A or C (UL 790)
Protection class	Class II (IEC 61140)
Mechanical loads	Front load 5400 Pa, Back load 2400 Pa

Corporate and product certificates

ECOVADIS rating - Platinum Medal (TOP 1%)
Solar Industry Forced Labor Prevention Pledge by SEIA
ISO9001:2015 - Quality Management Systems
ISO14001:2015 - Environmental Management System
WEEE compliance in Germany
PV CYCLE Italy
IEC 61215 - Terrestrial photovoltaic (PV) modules - Design qualification and type approval
IEC 61730 - Photovoltaic (PV) module safety qualification
IEC 61701 - Photovoltaic (PV) modules - Salt mist corrosion testing
IEC 62716 - Photovoltaic (PV) modules - Ammonia corrosion testing
IEC TS 62804 - Photovoltaic (PV) modules - Test methods for the detection of potential-induced degradation
Hail resistance HW3/RG3
Certificate of Factory Production Control (UK) - MCS
Fire reaction class: 1 - LAPI
Swissolar Quality Certificate



NOTE: All information contained in this data sheet is provided for general information purposes only. Product specifications may be subject to technical modifications. Reception, installation and use shall comply with the applicable Installation Manual, General Conditions of Sale and Warranty Terms and Conditions. The latest versions of all technical documentation are available at www.eurener.com.

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1997
more than
energy

eurener.com
contact@eurenerworld.com
+34 960 045 515
Calle Colón, 1-23
46004, Valencia, Spain

European experts in residential modules

Since 1997 our main purpose has been to supply quality and long-lasting photovoltaic modules that allow us and future generations, to continue generating clean energy to take care of our planet.