



Exclusieve importeur en distributeur voor de Benelux

# **Balcony Solar System**

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

### More efficiency

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

#### More compatible with smaller space

as their reduced size, light weight make them suitable for balconies

### More constructional savings

they are easy for handling and mounting on the railing with cable tie

Lightweight (2.5 kg/m<sup>2</sup>), flexible (minimum bending radius <20 cm), Euronergy balcony solution efficiently utilizes urban environments and smaller spaces, offering a cost-effective mode of power supply.



Distributed by:

Proxables BV Boerkensleen 5 4705 RL Roosendaal



(EUQJH26J-195W)



## EUQJH26J 195W

## **Standard Configuration**

22.1% MAX MODULE EFFICIENCY

0~3% TOLERANCE

≤2% FIRST YEAR POWER DEGRADATION

0.55% POWER DEGRADATION

**U-IBC HALF-CELL** Lower operating temperature

## Solar panel

ELECTRICAL CHARACTERISTICS					
Testing Condition	S	STC		NOCT	
Maximum Power (P <sub>max</sub> )	190W	195W	143W	147W	
Maximum Power Voltage(Vmp)	15.69V	15.78V	14.77V	14.86V	
Maximum Power Current(Imp)	12.12A	12.36A	9.71A	9.90A	
Open-circuit Voltage(Voc)	18.74V	18.83V	17.83V	17.92V	
Short-circuit Current(Isc)	12.80A	13.10A	10.47A	10.72A	
Effective Module Efficiency(η)	21.52%	22.09%	21.52%	22.09%	
Operating Temperature		-40 ℃ to 85 ℃			
Maximum System Voltage		600VDC			
Maximum Series Fuse Rating		25A			
Safety Class		II			
Power Tolerance		0~+5W			
STC:Irradiance1000W/m <sup>2</sup> , module temperature 25%	C, AM=1.5				
NOCT:Irradiance 800W/m², Ambient Temperature 20°C, Air Mass 1.5, Wind speed 1m/s					

MECHANICAL CHARACTERISTICS				
Solar Cell	Mono-crystalline U-IBC 182mm×91.9mm			
No. of Cells	52 (4 x13)			
Effective Module Dimension(L×W)	1206.4mm×731.8mm			
Installation Module Dimension	1315mm x 794mm x 2mm			
Weight	3kg			
Backsheet	Black PV backsheet			
J-Box	IP67rated			
Output Cables	4mm <sup>2</sup>			
Connector	Original MC4			









### **Monitoring Platform**



Microinverter

Wi-Fi Router



## **Micro-inverter**

Input   DC	
Max Recommended PV Power (Wp)	450 x 2
Max DC Open Circuit Voltage (Vdc)	60
Max DC Input Current (Adc)	20 × 2
MPPT Tracking Accuracy	>99.5%
MPPT Tracking Range (Vdc)	28 - 45
Isc PV (absolute maximum) (Adc)	25 x 2
Maximum Inverter Backfeed Current to the Array (Adc)	0
Output   AC	
Maximum Continuous Output Power (VA)	799
Nominal Output Voltage (Vac)	230
Nominal Output Voltage Range (Vac)	184 - 253
Allowable Power Grid Frequency (Hz)	48 - 51
THD	<3% at rated power
Power Factor (cos phi, fixed)	>0.99 at rated power
Nominal Output Current (Aac)	3.5
IEC 61215 IEC 61215 IEC 61730	



#### System Efficiency

Peak Efficiency	96.70%
Night Time Rate Loss (Wp)	0.02







EMA APP- Your Smart Window to Solar Power.

#### **Real-Time Monitoring**

Instantly view live system performance anytime, anywhere.

#### **Comprehensive Data Display**

Track key indicators like power output, total energy generated,

and operating hours at a glance.

#### **User-Friendly Interface**

Easy-to-navigate dashboard for quick and clear insights.