

Compact Series 10W-100W

Portable, off-grid and small rooftop panels with zero-maintenance reliability

- 100% A-grade mono cells with low resistance deliver consistent power in all light conditions.
- Micro-crack-free cells, tested before and after lamination, protect integrity and output.
- PID-free design and an RFID tag on every panel for stable output and full field traceability.
- IP67/IP68 junction box with MC4-rated connectors for all-weather outdoor operation.



Mono crystalline

IP67 / IP68

PID-free

RFID tagged

Micro-crack free

1000V system

Product Specification							
Model	EU-M10W	EU-P20W	EU-M30W	EU-P40W	EU-P50W	EU-P80W	EU-M100W
Rated power (Pmax)	10W	20W	30W	40W	50W	80W	100W
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
Dimensions (mm)	100×200	200×200	300×300	440×200	550×200	600×800	900×1100
Weight	65g	100g	120g	250g	190g	185g	251g
Power tolerance	±3%						
Max series fuse	15A						
Max system voltage	1000V						

Construction	
Cell type	100% A-grade monocrystalline
Frame	Anodised aluminium alloy
Front cover	Tempered glass
Junction box	IP67 / IP68, MC4-rated connectors
Module application	Class A
Identification	RFID tag

Ratings & Environment	
Test conditions (STC)	1000W/m², AM1.5, Tc = 25°C
Temp. coefficients	Pmax -0.45%/°C · Voc -0.35%/°C · Isc -0.060%/°C
NOCT	45°C
Operating temperature	-40°C to +85°C
Wind / snow load	2400Pa / 5400Pa
Quality tests	Damp heat, thermal cycling, humidity freeze
Design life	Over 25 years
Linear power warranty	98% at Year 1 to 80.7% at Year 25