



## O-Pico Series

### Reliable PV Power for Pico Solar Systems

Modules with Compact Design – O-Pico Series with Small Al-Frame for Pico Solar and Lighting Systems



From 1.5Wp to 10Wp to suit your individual pico and small PAYG system requirements.



The compact design allows an easy transport and handling.



Features: Anti-moisture, durable and robust, fluoride-based backsheet, guaranteed power, and TÜV certified.



Compact Design



Anti-Moisture



Reliability/ Durability

**O-Pico Series | Compact Design for Pico Systems**

Model Name		OPP0030 / OPM0030	OPP0060 / OPM0060	OPP0080 / OPM0080	OPP0100 / OPM0100
Type in TÜV Certificate		OPES 12CPdef / 12CMdef			
ELECTRICAL CHARACTERISTICS	P <sub>max</sub> (W)	3	6	8	10
	V <sub>mpp</sub> (V)	6.11	6.11	6.11	6.11
	I <sub>mpp</sub> (A)	0.49	0.98	1.31	1.64
	V <sub>oc</sub> (V)	7.57	7.57	7.57	7.57
	I <sub>sc</sub> (A)	0.54	1.07	1.43	1.78
	Power tolerance (%)	0 ~ +10%			
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	108x269x17	183x269x17	183x347x17	341x222x17
	Cell dimensions (mm)	39x39	77x39	77x52	156x31.2
	Cell type	Poly / Mono crystalline silicon			
	No. of cells and connections	12 (2x6)			
	Front cover	3.2mm tempered glass cleaned by washing machine in-site			
	Encapsulant	High quality EVA (Ethylene-Vinyl Acetate) with doing continuous cross-linking tests in-site			
	Frame	Anodized aluminum alloy			
	Back cover	Fluoride-based backsheets in white or black color			
	Junction box	Small J-Box with fully silica potted for IP65 rated			
	Weight (kg)	0.6	0.7	0.8	0.9
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45+/-2°C			
	Temperature coefficient	P <sub>max</sub> : -0.42 %/°C, V <sub>oc</sub> : -0.34 %/°C, I <sub>sc</sub> : 0.05 %/°C			
	Operating temperature range	-40°C ~ +80°C			
	Ambient temperature range	-40°C ~ +45°C			
	Certification	ISO 9001, ISO 14001, OHSAS 18001, CE, IEC 61215, IEC 61730 TÜV Certified			
	Product warranty	3 years			
	Performance warranty	90% of power output for 10 years and 80% for 20 years			

At STC (1000W/m<sup>2</sup>, 25°C, 1.5AM)

For more details or other specification not included above, please do feel free to contact with us via the information below

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