

O-Pico Series

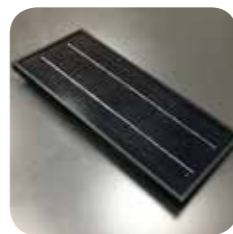


Source: Off-Grid Electric (T) Ltd., Tanzania

Reliable PV Power for Pico Solar Systems

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

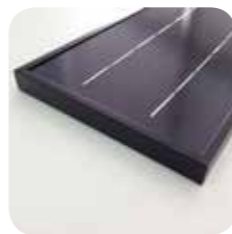
- 2.5Wp, 5Wp, and 10Wp are available to accommodate your various pico system requirements.
- O-Pico features anti-moisture, exceptional quality and reliability by German standard.



Compact Design



Anti-Moisture



Reliability/ Durability

O-Pico Series | Compact Design for Pico Systems

Model Name		PWP A25	PBM A25	PWP 005	PBM 005	PWP 010	PBM 010
ELECTRICAL CHARACTERISTICS	P _{max} (W)	2.5		5		10	
	V _{mpp} (V)	4.64		4.64 / 18.43		4.64 / 18.68	
	I _{mpp} (A)	0.66		1.14 / 0.29		2.27 / 0.57	
	V _{oc} (V)	5.56		5.56 / 22.14		5.56 / 22.54	
	I _{sc} (A)	0.70		1.21 / 0.31		2.42 / 0.60	
	Power tolerance (%)	-5% ~ 10%					
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	200x150x17		350x130x17		350x238x17	
	Cell dimensions (mm)	156x13		52x33.5		52x33.5	
	Cell type	Poly	Mono	Poly	Mono	Poly	Mono
	No. of Cells and Connections	9(1X18)	9(1X18)	18(2X9)	18(2X9)	36(4X9)	36(4X9)
	Backsheet color	White	Black	White	Black	White	Black
	Frame color	Sliver	Black	Sliver	Black	Sliver	Black
	Weight (Kg)	0.4		0.7		1.1	
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45±2°C					
	Operating temperature range	-40...+80°C					
	Ambient temperature range	-40...+45°C					
	Product warranty	3 Years					
	Performance warranty	90% of power output for 10 years and 80% for 25years					

*At STC (1000W/m²,25°C,1.5AM)



PWPA25

PBM005

PWP010

OPES Solutions Limited

M: +86-18516158421
 T: +852-81933413
 E: info@opes-solutions.com
 www.opes-solutions.com

