

O-Home Series

Reliable PV Power for Solar Home Systems and Pay-As-You-Go Systems

Modules with Compact Design – O-Home Series with Al-Frame for SHS and PAYG Systems



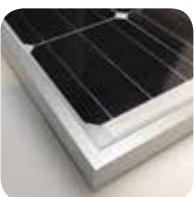
From 12Wp to 270Wp to suit your individual off-grid system requirements.



5 years product warranty with 25 years performance warranty.



Features: Best cost / performance ratio, durable and robust, fluoride-based backsheet, guaranteed power, and TÜV certified.



Compact Design



IP65 Junction Box



Traceability

O-Home Series | Designed with High Efficiency

Model Name		OHP0400 / OHM0400	OHP0800 / OHM0800	OHP1200 / OHM1200	OHP1500 / OHM1500	OHP2000
Type in TÜV Certificate		OPES 36CPdef / 36CMdef			OPES 36FPdef / 36FMdef	OPES 72CPdef
ELECTRICAL CHARACTERISTICS	P _{max} (W)	40	80	120	150	200
	V _{mpp} (V)	18.43	18.30	18.43	18.43	18.33
	I _{mpp} (A)	2.17	4.37	6.51	8.14	10.91
	V _{oc} (V)	22.61	22.39	22.61	22.61	22.91
	I _{sc} (A)	2.32	4.87	7.30	9.13	11.81
	Power tolerance (%)	0 ~ +10%				
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	440x665x28	779x665x28	1189x665x30	1470x665x30	1320x981x35
	Cell dimensions (mm)	156x39	156x78	156x124.8	156x156	156x104.5
	Cell type	Poly / Mono crystalline silicon				
	No. of cells and connections	36 (4x9)				72 (6x12)
	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	IP65 rated J-Box				
Weight (kg)	3.9	6.5	10.0	12.3	14.8	
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45+/-2°C				
	Temperature coefficient	P _{max} : -0.42 %/°C, V _{oc} : -0.34 %/°C, I _{sc} : 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	5 years				
	Performance warranty	90% of power output for 10 years and 80% for 25 years				

At STC (1000W/m², 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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