For a Free Quote:
Web: **EnergyPal.com/solar**
Call: **1-800-990-3725**
Email: **contact@energypal.com**

Solar Panel Guide
Specification Data Sheet

OPES Solutions GmbH
O-Eazy Series Mono
OZM0500

Also available on the web at
EnergyPal.com/opes-solutions-gmbh-solar-panels/ozm0500

OPES
SOLUTIONS

Power Your Innovations

O-Eazy Series

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

Modules with Smart Z-frame – O-Eazy Series for SHS and PAYG Systems

Available as 5Wp, 12Wp, 25Wp, 40Wp, 2x25Wp, and 2x40Wp to suit your off-grid system requirement.

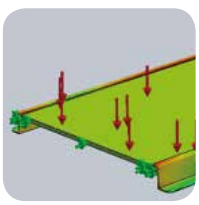
O-Eazy with patened Z-frame can be easily installed from front side.

Features: dust removal, wind ventilation, anti-moisture, mechanical stress simulation, and durability test.

Smart Z-type Frame

Easy Installation By Pull-Out Fitting

Dust Removal/ Wind Ventilation



Mechanical Stress Simulation / Durability Test

www.opes-solutions.com

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O-Eazy Series | Smart Z-frame Design for SHS and PAYG Systems

Model Name		OZP0050 / OZM0050	OZP0120 / OZM0120	OZP0250 / OZM0250	OZP0400 / OZM0400	OZP0500 / OZM0500	OZP0800 / OZM0800
ELECTRICAL CHARACTERISITICS	P_{max} (W)	5.0	12.0	25.0	40.0	50 (2x25)	80 (2x40)
	V_{mpp} (V)	6.11	18.33	18.33	18.47	18.33	18.47
	I_{mpp} (A)	0.82	0.65	1.36	2.17	2.72	4.34
	V_{oc} (V)	7.54	22.6	22.6	23.04	22.6	23.04
	I_{sc} (A)	0.88	0.73	1.47	2.24	2.94	4.48
	Power tolerance (%)	0 ~ +10%					
MECHANICAL CHARACTERISITICS	Module dimensions (mm)	379x126x27	351x305x27	514x379x27 x2pcs	375x767x27	514x379x60 x2pcs	375x767x60 x2pcs
	Cell dimensions (mm)	78x31.2	39x52	78x52	39x156	78x52	39x156
	Cell type	Poly / Mono crystalline silicon					
	No. of cells and connections	12 (3x4)	36 (6x6)	36 (4x9)	36 (2x18)	36 (4x9)	36 (2x18)
	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	Special Z-type frame made by anodized aluminum alloy					
	Back cover	Fluoride-based backsheet in white or black color					
	Juction box	Small J-Box with fully silica potted for IP65 rated					
	Weight (kg)	0.6	1.1	2	3	4	6
WARRANTY & TEMP. CHARACTERISITICS	NOCT	45 +/- 2°C					
	Temperature coefficient	Pmax: -0.42 %/°C, Voc: -0.34 %/°C, Isc: 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					
	Product warranty	3 years					
	Performance warranty	90% of power output for 10 years and 80% for 20 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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