

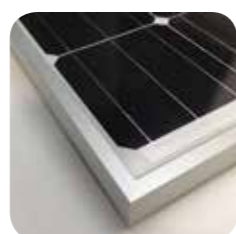
O-Fit Standard Series



Reliable PV Power for Your Solar Systems

Modules with Compact Design – O - Fit Standard Series for SHS and Stand - Alone Systems

- From 20Wp to 160Wp to accommodate your various Off - grid system requirements.
- 5 years product warranty with 25 years performance warranty.
- O-Fit Standard features positive power sorting and exceptional quality by German standard.



Compact Design



IP65 Junction Box



Traceability

O-Fit Standard | Designed with High Efficiency, Poly Series

Model Name		FSP 020	FSP 030	FSP 040	FSP 045	FSP 050	FSP 060	FSP 070
ELECTRICAL CHARACTERISTICS	P _{max} (W)	20	30	40	45	50	60	70
	V _{mpp} (V)	18.64	18.71	18.64	18.64	18.72	18.68	18.64
	I _{mpp} (A)	1.11	1.63	2.23	2.63	2.74	3.33	3.95
	V _{oc} (V)	22.43	22.64	22.43	22.43	22.68	22.54	22.43
	I _{sc} (A)	1.17	1.69	2.33	2.76	2.84	3.47	4.14
	Power tolerance (%)	0% ~ +10%						
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	274x668 x30	357x668 x30	472x668 x30	544x668 x30	544x668 x30	661x668 x30	778x668 x30
	Cell dimensions (mm)	156x22	156x31.2	156x44	156x52	156x52	156x65	156x78
	No. of cells and connections	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)
	Junction box	IP65 Rated						
	Bypass-diodes	1pc						
	Weight (kg)	2.30	3.00	3.97	4.57	4.57	5.56	6.54
	Frame	Silver anodized aluminum normal frame						
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45 ± 2°C						
	Operating temperature range	-40°C ~ +80°C						
	Ambient temperature range	-40°C ~ +45°C						
	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)

○-Fit Standard | Designed with High Efficiency, Poly Series

Model Name		FSP 080	FSP 085	FSP 100	FSP 110	FSP 120	FSP 140	FSP 150
ELECTRICAL CHARACTERISTICS	P _{max} (W)	80	85	100	110	120	140	150
	V _{mpp} (V)	18.64	18.71	18.72	18.71	18.68	18.64	18.72
	I _{mpp} (A)	4.61	4.70	5.49	6.05	6.65	7.90	8.23
	V _{oc} (V)	22.43	22.57	22.68	22.57	22.54	22.43	22.68
	I _{sc} (A)	4.82	4.89	5.67	6.29	6.94	8.27	8.51
	Power tolerance (%)	0% ~ +10%						
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	895x668 x30	895x668 x30	1012x668 x30	1129x668 x30	1246x668 x30	1480x668 x30	1480x668 x30
	Cell dimensions (mm)	156x91	156x91	156x104	156x117	156x130	156x156	156x156
	No. of cells and connections	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)
	Junction box	IP65 Rated						
	Bypass-diodes	1	1	2	2	2	2	2
	Weight (kg)	7.53	7.53	8.51	9.49	10.48	12.44	12.44
	Frame	Silver anodized aluminum normal frame						
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45 ± 2°C						
	Operating temperature range	-40°C ~ +80°C						
	Ambient temperature range	-40°C ~ +45°C						
	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)

○-Fit Standard | Designed with High Efficiency, Mono Series

Model Name		FSM 030	FSM 040	FSM 050	FSM 080	FSM 100	FSM 120	FSM 130	FSM 160
ELECTRICAL CHARACTERISTICS	P _{max} (W)	30	40	50	80	100	120	130	160
	V _{mpp} (V)	19.26	19.40	19.40	19.40	19.26	19.26	19.33	19.40
	I _{mpp} (A)	1.68	2.13	2.84	4.26	5.71	6.43	6.98	8.53
	V _{oc} (V)	22.90	23.00	23.00	23.00	22.90	22.90	22.97	23.00
	I _{sc} (A)	1.80	2.26	3.02	4.53	6.11	6.88	7.43	9.06
	Power tolerance (%)	0% ~ +10%							
MECHANICAL CHARACTERISTICS	Module dimensions (mm)	352x668 x30	421x668 x30	535x668 x30	778x668 x30	1012x668 x30	1129x668 x30	1210x668 x30	1480x668 x30
	Cell dimensions (mm)	156x30.6	156x38.25	156x51	156x78	156x104	156x117	156x26	156x156
	No. of cells and connections	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)	36 (4x9)
	Junction box	IP65 Rated							
	Bypass-diodes	1	1	1	1	2	2	2	2
	Weight (kg)	2.95	3.53	4.50	6.54	8.50	9.49	10.17	12.44
	Frame	Silver anodized aluminum normal frame							
WARRANTY & TEMP. CHARACTERISTICS	NOCT	45 ± 2°C							
	Operating temperature range	-40°C ~ +80°C							
	Ambient temperature range	-40°C ~ +45°C							
	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 quotation, datasheet, and technical drawing of each model, please contact with us.

<http://www.opes-solutions.com/contact.php> M: +86-18516158421, T: +852-81933413, E: info@opes-solutions.com