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# EnergyPal

## **Solar Panel Guide Specification Data Sheet**

**Full Solar Co., Ltd.**

**F-5-80P**

**F-60P**

Also available on the web at  
[EnergyPal.com/full-solar-co-ltd-solar-panels/f-60p](http://EnergyPal.com/full-solar-co-ltd-solar-panels/f-60p)

## Poly-Crystalline Solar PV Module

Model	Electricity Performance Parameter					Module Size L x W x H (mm)	Installation Size			Weight (Kgs)
	Wp (W)	Vmp (V)	Imp (A)	Isc (A)	Voc (V)		A (mm)	B (mm)	Hole size (mm)	
F-80P	80	17.4	4.60	5.00	22.2	836X670X35	458	634	4-φ8.0	~7.5
F-70P	70	17.6	3.98	4.43	21.8	758X670X35	458	634	4-φ8.0	~6.8
F-65P	65	17.6	3.69	4.11	21.8	758X670X35	458	634	4-φ8.0	~6.8
F-60P	60	17.4	3.45	3.9	21.6	758X670X35	458	634	4-φ8.0	~6.8
F-50P	50	17.4	2.89	3.13	21.8	656X670X35	356	634	4-φ8.0	~5.5
F-40P	40	17.4	2.30	2.58	21.8	490X670X25	Without installation hole			~3.8
F-30P	30	17.2	1.74	1.94	21.6	470x540x25				~3.2
F-20P	20	17.4	1.15	1.29	21.6	542X348X25				~2.2
F-15P	15	17.2	0.89	0.98	21.6	542X348X25				~2.2
F-10P	10	17.4	0.57	0.65	21.6	356X276X18				~1.3
FE1-6P	6	17.2	0.35	0.38	21.6	316X190x18				~0.8
F-6P	6	17.2	0.35	0.38	21.6	276X232X18				~0.9
F-5P	5	17.2	0.3	0.33	21.6	276X232X18				~0.9

All technical data at STC: AM1.5; 1000W/m<sup>2</sup>; 25 °C

### Performance

- ♦ Water resistant junction box and high strength polymer sheet on module's rear ensures module is sealed from moisture and mechanical damage
- ♦ High transmissivity low-iron toughened glass
- ♦ Excellent week light performance
- ♦ Unique drainage hole design and aluminum frame

### Quality and Reliability

- ♦ Superior reliability with guaranteed +/-3% power output tolerance
- ♦ 10 years warranty on materials and workmanship,
- ♦ 25 years linear power warranty, 97% in the first year, 91% in 10<sup>th</sup> year, and ending with 80% in 25<sup>th</sup> year
- ♦ Cells are individually tested, characterized and modulated prior to interconnection
- ♦ Test and produce standard: IEC61215, IEC61730, ISO 9001:2008, ISO14001:2004, OHSAS18001:2007, TIS18001:2011, TIS1843:2553, TIS2580:2555



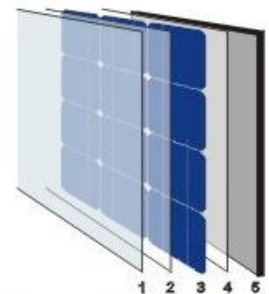
F-5P



F-15P



F-50P



1. Tempered glass
2. EVA
3. Cells
4. EVA
5. Back sheet

