

## Mono-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-90M	90	18.1	4.98	5.6	22.2	836X670X35	458	634	4-φ8.0	~7.5
F-80M	80	18.0	4.40	4.87	22.1	758X670X35	458	634	4-φ8.0	~6.8
F-60M	60	18.0	3.34	3.62	22.0	656X670X35	458	634	4-φ6.0	~5.5
F-50M	50	18.0	2.68	2.9	22.0	540X670X35	280	634	4-φ6.0	~4.8
F-40M	40	18.0	2.24	2.62	22.0	490X670X25	Without installation hole			~3.8
F-30M	30	18.0	1.67	1.84	22.0	430X540X25				~3.1
F-20M	20	18.0	1.12	1.23	22.0	542X348X25				~2.2
F-10M	10	18.0	0.56	0.62	22.0	356X276X18				~1.3
FE-6M	6	18.0	0.34	0.37	22.0	316X190X18				~0.8
F-6M	6	18.0	0.34	0.37	22.0	276X232X18				~0.9
F-5M	5	18.0	0.28	0.31	22.0	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
- ♦ Maximum system voltage DC 600V

### 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-3M



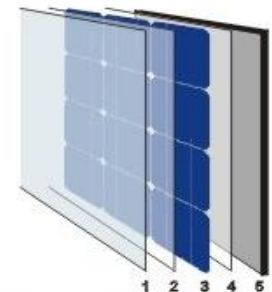
F-3M



F-30M



F-3M



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