

# SUNFARMING PHOTOVOLTAIC MODULE

SF AT 360-72M DG-B

SF AT 365-72M DG-B

SF AT 370-72M DG-B



- High performance modules made of monocrystalline silicon cells (156.75 x 156.75 mm)
- 30 years linear performance warranty of the manufacturer
- Manufacturers product warranty for 12 years
- Certificates IEC/ EN 61215, IEC/ EN 61730-1,2, UL1730, CE
- All modules are plus tolerated
- Very good low irradiance performance
- constant quality control during production and in the warehouse by the manufacturer and SUNfarming
- Independent quality control of each SUNfarming container by TÜV Rheinland or PI Berlin before shipping
- All materials are of the highest quality: high transmission low iron tempered glass with strong mechanical resistance, EVA or POE foil and anodized aluminium frame
- Junction boxes are fully waterproof plug-in (MC4 compatible)

## Technical Specifications

Module name	SF AT 360-72M DG-B	SF AT 365-72M DG-B	SF AT 370-72M DG-B
Cell type	bifacial p-Typ monocrystalline		
Testing Condition	<b>Front/ Back</b>		
Rated maximum power at STC[W]	<b>360/ 237</b>	<b>365/ 240</b>	<b>370/ 243</b>
Maximum power current [A]	9.17/ 5.95	9.22/ 5.98	9.24/ 5.99
Maximum power voltage [V]	39.27/ 39.77	39.58/ 40.08	40.04/ 40.55
Open circuit voltage [V]	48.12/ 46.70	48.33/ 46.90	48.54/ 47.10
Short circuit current [A]	9.65/ 6.30	9.69/ 6.33	9.74/ 6.36
Module efficiency [%]	18.2/ 12.0	18.5/ 12.1	18.7/ 12.3
Number of cells [pcs]	72 (6x12)		
Number of bypass-diodes	3		
Dimensions (L x W x H) [mm]	1980 x 998 x 30		
Front glass thickness [mm]	2.5		
Maximum system voltage [V]	1500		
Temperature-coefficient Isc [%/K]	+0.043		
Temperature-coefficient Voc [%/K]	-0.282		
Temperature-coefficient Pm [%/K]	-0.376		
Operating cell temperature (NOCT)	46°C ± 2 °C		
Tolerance wattage [%]	-0/ +3 %		
Maximum surface load capacity [Pa]	5400		
Allowable hail load [mm; m/s]	45; 31		
Weight [kg]	29.8		
Standard test conditions	1,5 AM; 1000W/ m <sup>2</sup> ; 25°C		
Cable length (junction box) [mm]	900/ 1000		
Cable diameter [mm <sup>2</sup> ]	4		
Frame material	Glass/ Glass		
Performance warranty	30 years linear performance warranty		
Packing configuration	36 pcs/ palett 792 pcs/ truck		
Seller	Astronergy/ Chint Solar Co, Ltd. China		

Module certificates of the manufacturer

