

SUNFARMING PHOTOVOLTAIC MODULE

SF AT 265-60P

SF AT 270-60P

SF AT 275-60P



- High performance modules made of polycrystalline silicon cells (157 x 157 mm)
- 25 years linear performance warranty of the manufacturer
- Manufacturers product warranty for 10 or 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, PET back sheet foil, EVA foil and anodized aluminium frame
- Junction boxes are fully waterproof plug-in (MC4 compatible)

EXPERTISE · EXPERIENCE · QUALITY

Technical Specifications

Module name	SF AT 265-60P	SF AT 270-60P	SF AT 275-60P
Cell type	polycrystalline with 5-busbar technology		
Rated maximum power at STC[W]	265	270	275
Maximum power current [A]	8.58	8.70	8.85
Maximum power voltage [V]	30.92	31.01	31.12
Open circuit voltage [V]	37.87	38.00	38.45
Short circuit current [A]	9.18	9.45	9.52
Module efficiency [%]	16.2	16.5	16.9
Number of cells [pcs]	60 (6x10)		
Number of bypass-diodes	3		
Dimensions (L x W x H) [mm]	1648 x 990 x 35		
Front glass thickness [mm]	3.2		
Maximum system voltage [V]	1000		
Temperature-coefficient I _{sc} [%/K]	+0.049		
Temperature-coefficient V _{oc} [%/K]	-0.31		
Temperature-coefficient P _m [%/K]	-0.407		
Operating cell temperature (NOCT)	43°C ± 2 °C		
Tolerance wattage [%]	-0/ +3 %		
Maximum surface load capacity [Pa]	6000		
Allowable hail load [mm; m/s]	45; 31		
Weight [kg]	18.3		
Standard test conditions	1.5 AM; 1000W/m ² ; 25°C		
Cable length (junction box) [mm]	900		
Cable diameter [mm ²]	4		
Frame material	Aluminium, silver anodized		
Performance warranty	25 years linear performance warranty		
Packing configuration	31 pcs/ palett 868 pcs/ truck		
Seller	Astronergy/ Chint Solar Co, Ltd. China		

Module certificates of the manufacturer

