

SUNFARMING PHOTOVOLTAIC MODULE

SF AT 255-60P

SF AT 260-60P

SF AT 265-60P



- High performance modules made of polycrystalline silicon cells (156 x 156mm)
- 25 years linear performance warranty of the manufacturer
- Manufacturers product warranty for 12 years
- Certificates IEC/EN 61215, IEC/EN 61730-1,2, UL1730, CE, MCS
- all modules are plus tolerated
- very good low irradiance performance
- Independent quality control of each SUNfarming container by TÜV Rheinland and PI Berlin before shipping
- Full quality control by SUNfarming during the production process
- All materials are of the highest quality: high transmission low iron tempered glass with strong mechanical resistance, TPT tedlar foil, EVA foil and anodized aluminium frame
- Junction boxes are fully waterproof plug-in (MC4 compatible)

Technical Specifications

	SF AT 255-60P	SF AT 260-60P	SF AT 265-60P
Module name	SF AT 255-60P	SF AT 260-60P	SF AT 265-60P
Cell type	polycrystalline with 4-busbar technology		
Rated maximum power at STC[W]	255	260	265
Maximum power current [A]	8.42	8.52	8.61
Maximum power voltage [V]	30.54	30.79	31.04
Open circuit voltage [V]	37.18	37.45	37.72
Short circuit current [A]	8.89	8.98	9.06
Module efficiency [%]	15.6	15.9	16.2
Number of cells [pcs]	60 (6x10)		
Number of bypass-diodes	3		
Dimensions (L x W x H) [mm]	1654 x 989 x 40		
Front glass thickness [mm]	3.2		
Maximum system voltage [V]	1000		
Temperature-coefficient I _{sc} [%/K]	+0.044		
Temperature-coefficient V _{oc} [%/K]	-0.32		
Temperature-coefficient P _m [%/K]	-0.42		
Operating cell temperature (NOCT)	46 °C ± 2 °C		
Tolerance wattage [%]	-0/ +3 %		
Maximum surface load capacity [Pa]	6000		
Allowable hail load [mm; m/s]	25; 23		
Weight [kg]	18.2		
Standard test conditions	1.5 AM; 1000W/m ² ; 25°C		
Cable length (junction box) [mm]	1000		
Cable diameter [mm ²]	4		
Frame material	anodized aluminium (silver)		
Performance warranty	25 years linear performance warranty		
Packing configuration	22 pcs/carton, 44/palett 616pcs/40' container, 660pcs/truck		
Manufacturer	Astronergy GmbH, Made in Germany (Frankfurt/Oder)		

