# SUNfarming Photovoltaic Module

## SF AT 255-60P

## SF AT 260-60P

## SF AT 265-60P

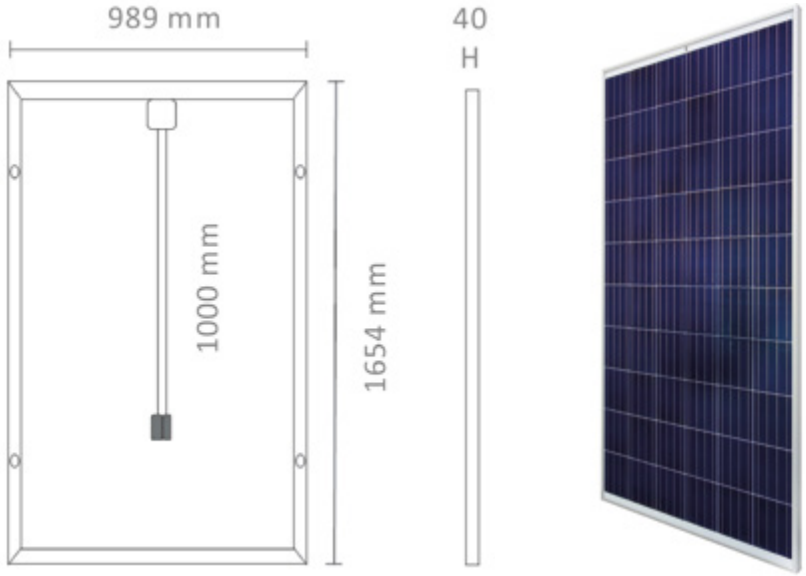
GERMAN QUALITY CONTROLLED

- 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)

SUNFARMING MODULES

EXPERTISE · EXPERIENCE · QUALITY

| Technical Specifications | | | |
|---|---|---|---|
| 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 Isc [%/K] | +0.044 | | |
| Temperature-coefficient Voc [%/K] | -0.32 | | |
| Temperature-coefficient Pm [%/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/m²; 25°C | | |
| Cable length (junction box) [mm] | 1000 | | |
| Cable diameter [mm²] | 4 | | |
| Frame material | anodized aluminium (silver) | | |
| Performance warranty | 25 years linear performance warranty | | |
| Packing configuration | 22 pcs/carton, 44/palett<br>616pcs/40‘ container, 660pcs/truck | | |
| Manufacturer | Astronergy GmbH, Made in Germany (Frankfurt/Oder) | | |
| Module certificates of the manufacturer | | | |




Stand 02.02.2016

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