

ASF Electrical Specifications

Electrical data below represents stabilized values at Standard Test Conditions (STC)

Irradiance at the module level of 1,000W/m² with spectrum AM1.5 at cell temperature of 25°C

Model	ASF100	ASF90
Maximum power [W]	100	90
Maximum power voltage [V]	77	73
Maximum power current [A]	1.29	1.24
Open circuit voltage [V]	99	98
Short circuit current [A]	1.65	1.59

- Maximum power may vary by ±5% and other electrical data may vary by ±10%.

ASF Mechanical Specifications

Dimension [mm]	L 1,414 × W 1,114 × T 35
Weight [Kg]	20.3
Connector	MC4 equivalent
Cable length [mm]	1,000
Cable size [mm ²]	2.5

ASF Temperature Coefficients

Maximum power [W]	- 0.20%/ °C
Maximum power voltage [V]	- 0.32%/ °C
Maximum power current [A]	+0.14%/ °C
Open circuit voltage [V]	- 0.33%/ °C
Short circuit current [A]	+0.09%/ °C

ASF Environmental Specifications

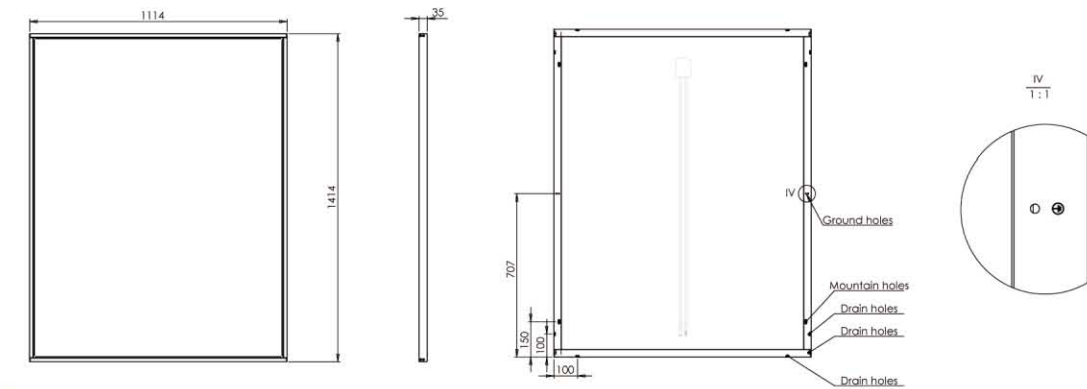
Maximum system voltage [V]	1,000
Operating module temperature	-40°C to +85°C
Typical operation temperature	approx. 20°C to 25°C
Maximum load	2,400N/m ² or 245 Kg/m ²

Quality Assurance

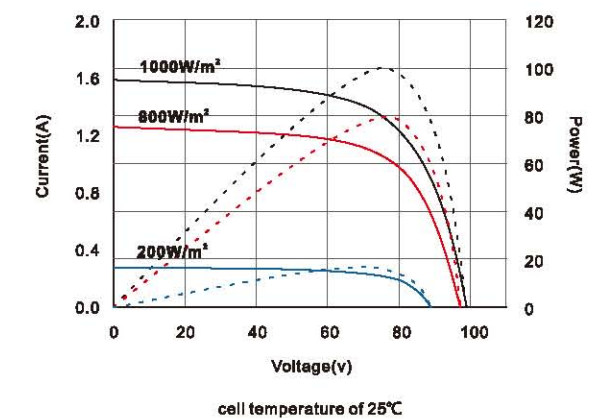
All products are strictly designed and manufactured according to IEC 61646 & 61730 in our ISO 9001 certified factory.

- Guaranteed free from defects:**
Free from defects in materials and workmanship for 5 years;
- Guaranteed to maintain power:**
Maintain more than 90% of maximum power for 10 years;
Maintain more than 80% of maximum power for 25 years.

Physical Dimensions



I-V Curves



System Configuration

