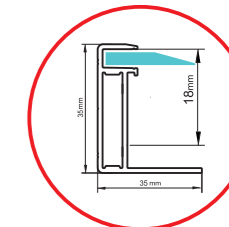
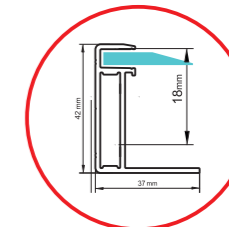
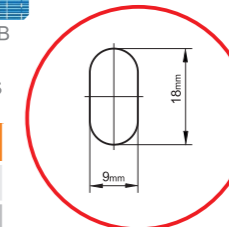


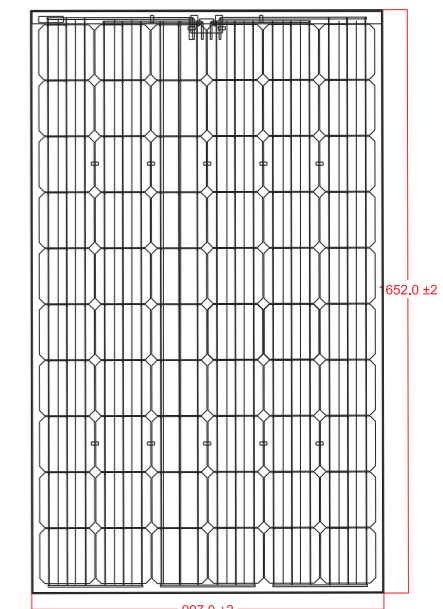
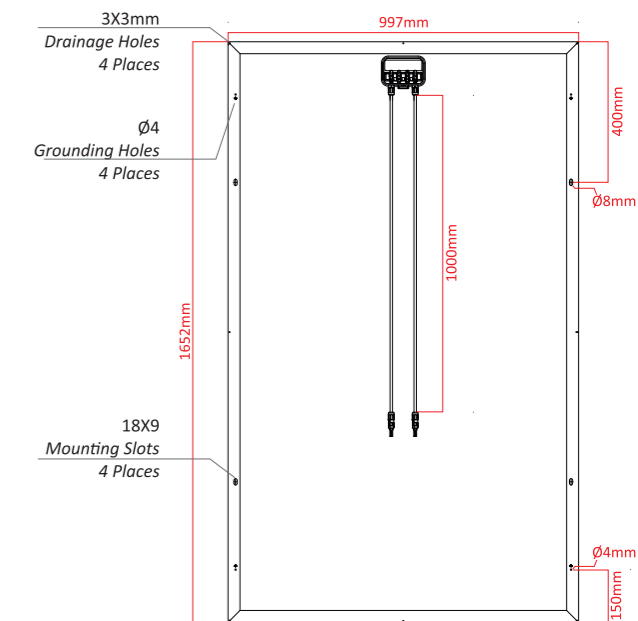
Mounting Slot

Frame

Frame



FRAME CAN BE MANUFACTURED WITH TWO DIFFERENT MEASUREMENT OPTIONS.



Electrical Data

| MODEL | ASE60M 300 | ASE60M 305 | ASE72M 310 | ASE72M 315 | ASE72M 320 |
|----------------------------|------------|------------|------------|------------|------------|
| P_{max} | 300 | 305 | 310 | 315 | 320 |
| % | 18,21 | 18,52 | 19,07 | 19,38 | 19,69 |
| I_{mp} (A) | 9,24 | 9,30 | 9,29 | 9,35 | 9,39 |
| I_{sc} (A) | 9,81 | 9,85 | 9,79 | 9,84 | 9,86 |
| V_{mpp} (V) | 32,70 | 33,18 | 33,60 | 34,10 | 34,38 |
| V_{oc} (V) | 39,00 | 39,53 | 39,80 | 39,90 | 40,02 |

Technical Specifications

Mechanical Data

| Subject | Specification |
|--------------|--|
| Dimensions | 1652 ± 2 mm (L) x 997 ± 2 mm (W) x 42-35 0,5 mm (D) |
| Weight | 20 Kg |
| Solar Cell | 60 Monocrystalline Type 6" Silicon Cells (156.75 mm x 156.75 mm) |
| Front Glass | Tempered / Tempered ARC Glass |
| Encapsulant | Ethylene Vinyl Acetate (EVA) |
| Backsheet | Composite Film, Color White |
| Junction Box | With Multicontact / Tyco / Ekinler Certificate |
| Frame | Aluminium Frame (Eloxal Coating) |

Operating Conditions

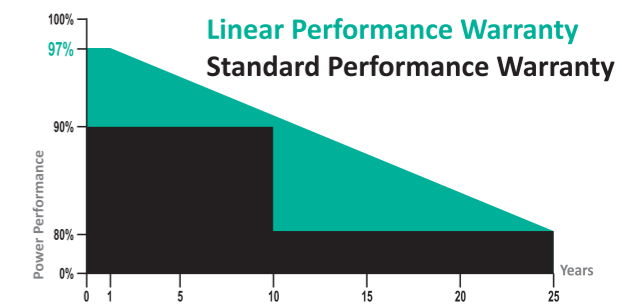
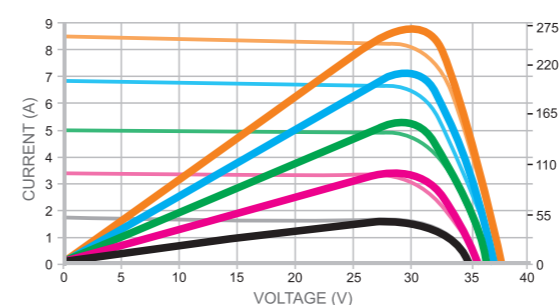
| Subject | Specification |
|------------------------|--------------------------------------|
| Mechanical Strength | 5400 Pa (Certified By TUV Rheinland) |
| Maximum System Voltage | DC 1000 V |
| Series Fuse Rating | 15 A |
| Operating Temperature | -40 to 85 °C |

Temperature Characteristics

| Subject | Specification |
|--|---------------|
| Nominal Operating Cell Temperature | 44 °C ± 2 °C |
| Temperature Coefficient of I _{sc} (%/°C) | -0,04 % / °C |
| Temperature Coefficient of V _{oc} (%/°C) | -0,31 % / °C |
| Temperature Coefficient of P _{max} (%/°C) | -0,42 % / °C |
| Temperature Coefficient of V _{mpp} (%/°C) | -0,42 % / °C |

Warranty

| Subject | Specification |
|-------------------------------|---|
| Product Warranty | 10 Years |
| Linear Performance Warranty | 10 Years, over %90 - 25 Years, over %80 |
| JIT Product | Warranty of selling panels that are produced in last on year. |
| Power Tolerance | Positive (+) 5 Watt |
| Online Datasheet on the panel | QR Code System |



Electroluminescence: Quality control for small microcracks with infrared radiation.

Sun Simulator: 1000 W/m² radiation, 25°C temperature, +5 positive power tolerance and classification according to power tolerance.

Salt Mist Test: According to IEC 61701 ed.2 Salt Resistance

Snow Load Test: Under 5400 Pa snow load resistance according to IEC 61215

Ammonia Corrosion Test: Corrosion resistance according to IEC 62716

PID Potential Induced Degradation: PID Resistance according to IEC 62804

Wind Load Test: Under 5400 Pa wind load resistance according to IEC 61215

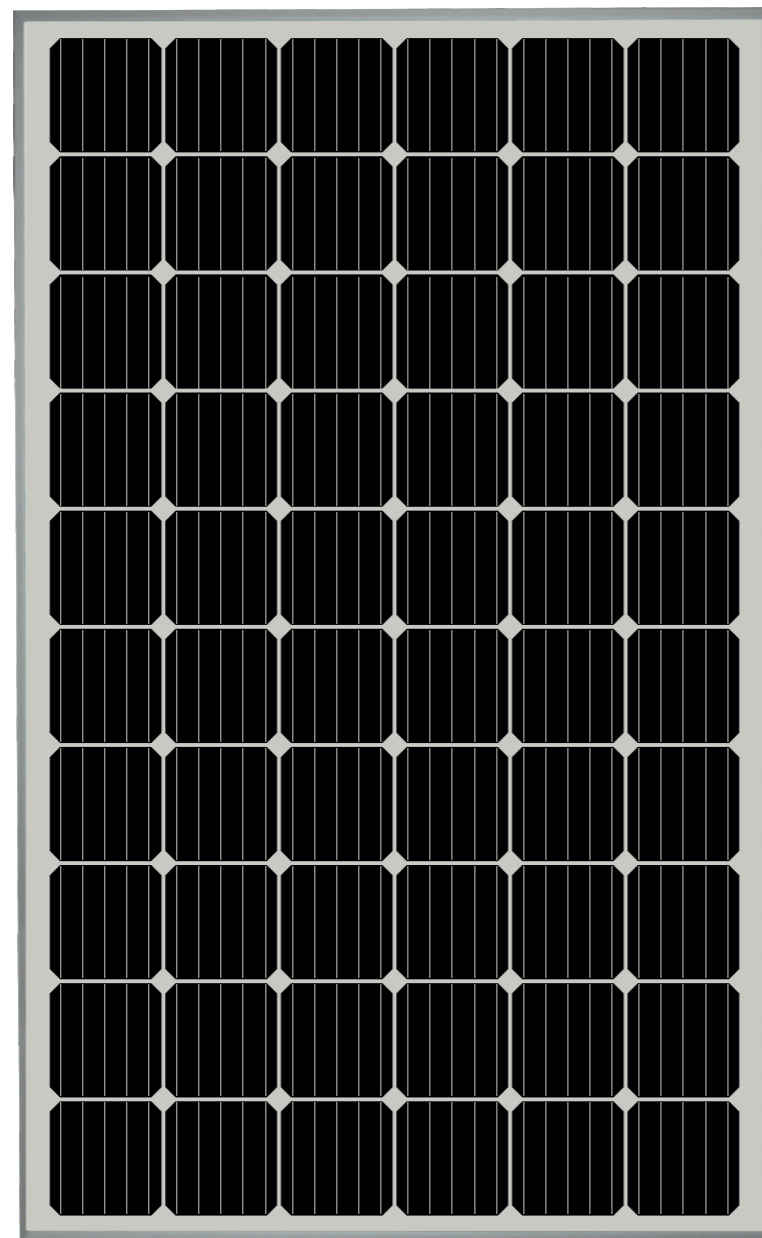
Thermal Cycles Damp Heat Test: 1000 hours damp heat and 200 thermal cycles according to IEC 61215

High Performance in Low Radiation : On cloudy days, morning and evening over %3 performance (200 w/m²)

FF % Fill Factor: High Fill Factor value, increased power.
Cell Power: Five bus bar, with high power.

QR Code System: Real power measurements of modules which have +5 power tolerance ease of viewing with QR Code.

JIT Just in Time Production: Production date is in panels glass, unchangeable and warranty of selling production in that are produced in last one year.



- ISO 9001
- ISO 14001
- ISO 18001
- IEC 61215
- IEC 61730-1
- IEC 61730-2
- IEC 61701
- IEC 62716
- IEC 62804

"LOCAL ITEM" MENTIONED IN NUMBER 5346 YEK LAW

Turkey
Discover the potential

AUTOMATIC FRAMING, E.L. TEST, HI-POT TEST