A3S72P

72 Cells Polycrystalline Panels

5BB

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

Potential Induced Degradation: PID Resistance according to IEC 62804

Wind Load Test: Under 2400 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

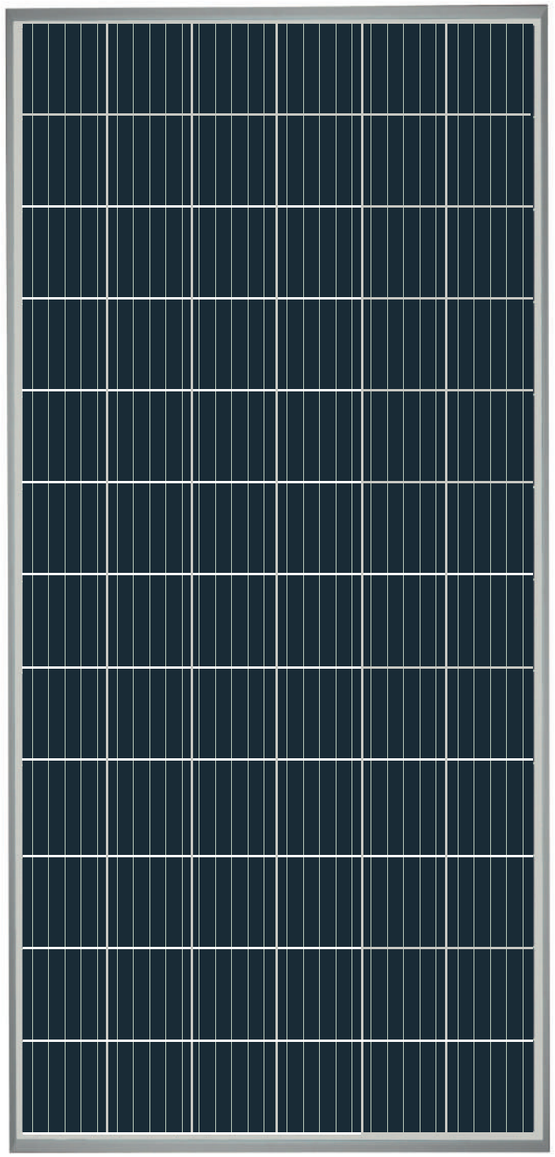
High Performance in Low Radiation : On cloudy days, morning and evening over %3 performance (200 w/m2)

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.

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

CELL CLASSIFICATION, PERFECT HARMONY



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

"LOCAL ITEM" MENTIONED IN NUMBER 5346 YEK LAW

Turkey Discover the potential

Technical Specifications

Electrical Data

	MODEL	A3S72P 330	A3S72P 335	A3S72P 340	A3S72P 345	A3S72P 350
Pmax	Maximum Power	330	335	340	345	350
%	Module Efficienty	16,92	17,17	17,43	17,68	17,94
Immp (A)	Maximum Power Current	8,60	8,61	8,62	8,64	8,71
Isc (A)	Short Circuit Current	9,12	9,28	9,39	9,40	9,41
Vmpp (V)	Maximum Power Voltage	38,38	38,92	39,45	39,94	40,19
Voc (V)	Open Circuit Voltage	46,60	46,83	47,07	47,16	47,44

Mechanical Data

Subject	Specification
Dimensions	1957 ± 2 mm (L) x 997 ± 2 mm (W) x 42 ±0,5 mm (D)
Weight	24 Kg
Solar Cell	72 Polycrystalline Type 6" Silicon Cells (156.75 mm x 156.75 mm)
Front Glass	Tempered / Tempered ARC Glass
Encapsuland	Ethylene Vinyl Acetate (EVA)
Backsheet	Composite Film, Color White
Junction Box	Tyco / Ekinler Certificate
Frame	Aluminium Frame (Eloxal Coating)

Operating Conditions

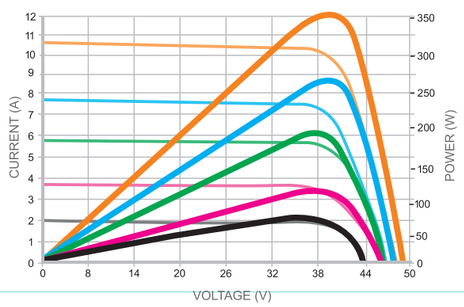
Subject	Specification
Mechanical Strength	5400 Pa (Certified By KIWA MEYER)
Maximum System Voltage	DC 1000 V / 1500 V
Series Fuse Rating	15 A
Operating Temperature	-40 to 85 °C

Temperature Characteristics

Subject	Specification
Nominal Operating Cell Temperature	44 °C ± 2 °C
Temperature Coefficient of Pmpp	-0,36 % / °C
Temperature Coefficient of Isc	+0,07 % / °C
Temperature Coefficient of Voc	-0,31 % / °C

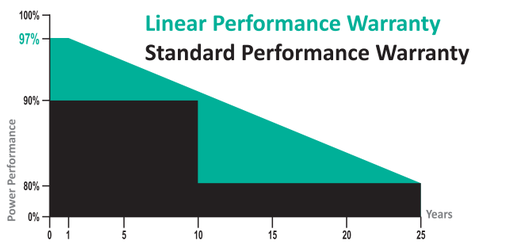
Warranty

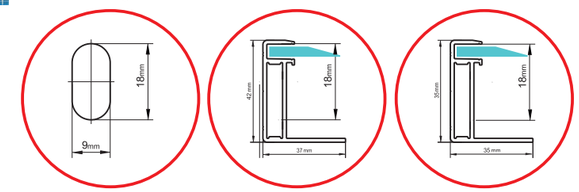
Subject	Specification
Product Warranty	10 Years
Linear Performance Warranty	10 Years, over %90 - 25 Years, over %80
JIT Product	Warranty of selling panels that are produced in last on year.
Power Tolerance	Positive (+) 5 Watt
Online Datasheet on the panel	QR Code System



The typical relative change in module efficiency at irradiance of 200 W/m2 in relation to 1000 W/m2 (both at 25 °C and AM 1.5 spectrum) is less than 3 %.

1000 W/m²
800 W/m²
600 W/m²
400 W/m²
200 W/m²





FRAME CAN BE MANUFACTURED WITH TWO DIFFERENT MEASUREMENT OPTIONS.