

ST72MP

72x6"/ 390-410 W MONOKRISTAL PERC PANEL
72x6"/ 390-410 W MONOCRYSTALLINE PERC PANEL

SOLENTAD
SOLAR ENERGY

Management System Kalite Yönetim Sistemi

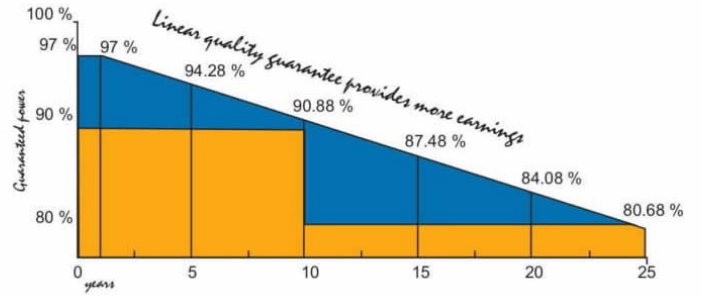


- ISO 9001 : Quality Management System
- ISO 14001 : Environmental Management System Standard
- OHSAS 18001 : International Occupational Health and Safety Assessment System Standard
- ISO 10002-2004: Customer Satisfaction Management System

Product Certification Ürün Sertifika Standartları



- IEC 61215 (New Edition) 1500 vdc
- IEC 61730 (New Edition)
- IEC 61701 (Salt Mist Corrosion)
- IEC 62716 (Amonia Corrosion)
- IEC 62804 (Potential Induced Degradation)



Product Quality &
Process Guarantee



Linear Power
Guarantee



Testing
Laboratory



LINEAR MANAGEMENT SOLUTIONS

Structural Characteristics

Module dimensions	1989 x 1004 x 35 ± 2 mm
Weight	22,5 kg
Cell	Monocrystal 158.75 x 158.75 mm (72 cells)
Glass	3.2 mm AR tempered glass, low iron
Frame	Anodized aluminum alloy
Junction Box	IP67
Output Wire	4.0 mm ² , wire length: 1100 mm
Connector	Mc4 Compatible
Mechanical Load	5400 Pa



Specifications are subject to change without prior notice

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Electric Characteristics (STC)

Model of Modules	390-72M	395-72M	400-72M	405-72M	410-72M
Maximum power - P_{mp} (W)	390	395	400	405	410
Open-circuit voltage - V_{oc} (V)	48.30	48.44	49.40	49.92	50.36
Short-circuit current - I_{sc} (A)	10.11	10.17	10.30	10.42	10.22
Maximum power voltage - V_{mp} (V)	40.60	40.80	41.89	42.14	42.38
Maximum power current - I_{mp} (A)	9.56	9.60	9.62	9.67	9.72
Module efficiency - η_m (%)	19.12	19.36	19.92	20.14	20.32

STC: Irradiance 1000 W/m², 25°C, AM 1.5

Electric Characteristics (NOCT)

Model of Modules	390-72M	395-72M	400-72M	405-72M	410-72M
Maximum power - P_{mp} (W)	305	309	315	319	323
Open-circuit voltage - V_{oc} (V)	47.86	48.04	48.94	49.38	49.94
Short-circuit current - I_{sc} (A)	7.96	8.12	8.28	8.42	8.54
Voltage at maximum power - V_{mp} (V)	39.72	39.78	40.32	40.58	40.68
Current at maximum power - I_{mp} (A)	7.66	7.78	7.82	7.86	7.94

NOCT: Irradiance 800 W/m², 20°C, wind velocity 1m/s

Power Tolerance (W)	(0,+5)
Maximum system voltage (V)	1500 V
Maximum rated fuse current (A)	20

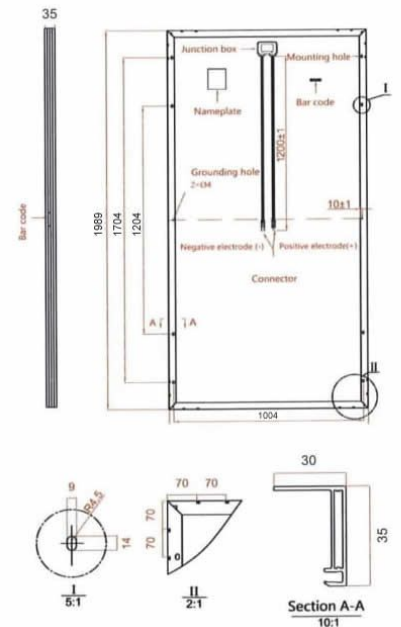
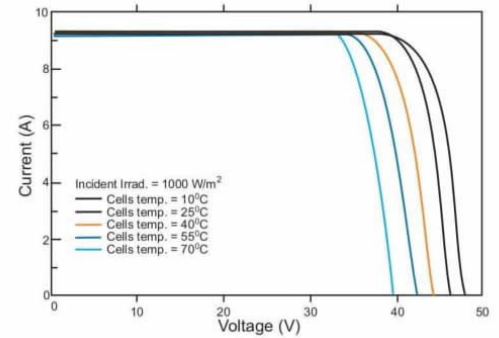
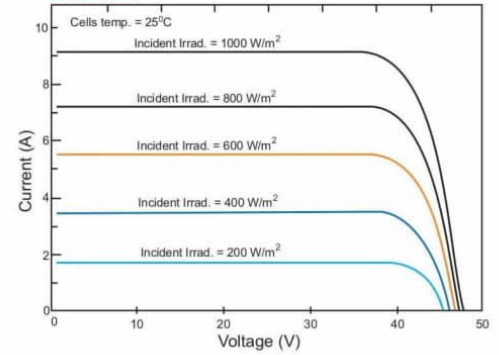
Temperature Characteristics

Temperature coefficient at maximum power	-0,373 (%/°C)
Temperature coefficient at open - circuit voltage	-0,307 (%/°C)
Temperature coefficient at short - circuit current	+0,050 (%/°C)
Operating temperature	-40~+85 °C
Rated operating temperature of cells	45±2 °C

Packaging Configuration

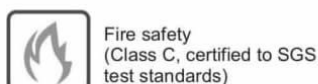
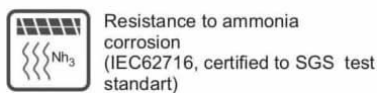
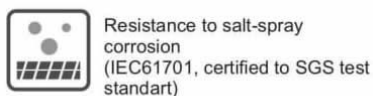
Container	20 GP	40 GP	40 HC
Quantity/Pallet	30	30	30
Pallets/Container	12	24	24
Quantity/Container	360	720	720

Curves

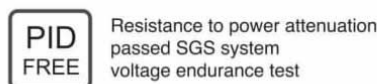


* Unit: mm

Safety



Reliability



High performance

