UL-370M-120HV  UL-375M-120HV

Under Shanshan Group, Top 500 Enterprise in China, Ningbo Ulica Solar Co., Ltd. produces our own high quality solar cells and modules starting from August 2005. Our product range covers all from off-grid panels to on-grid panels, both mono-crystalline and poly-crystalline, suitable for all types of installation from residential to commercial projects.

12% more power than conventional modules

Lower power degradation
Lower internal current
Lower hot spot temperature

Cell crack risk limited in small region, enhance the module reliability

Outstanding mechanical load resistance
Snow load 5400Pa (Frontside), and Wind load 3800Pa (Backside)

High performance under low light conditions
Cloudy days, Rainy days

Double EL test before and after lamination
Highly control the micro cracks and invisible defects.

World famous insurance
CHUBB(USA), Solar Insurance&Finance(Netherlands)

12-year Limited Product Warranty
25-year Limited Performance Warranty
Certificate Holder Name : Ningbo Ulica Solar Co., Ltd

Add: No.181-197 Shanshan Road, Wangchun Industrial District, Ningbo, China
Tel: +86-574-28828978 Fax: +86-574-28828997
Email: ulicasales@ulsolar.com.cn Web: www.ulicasolar.com
Manufacturer Country : China
**ELECTRICAL PERFORMANCE**

Electrical Parameters Standard Test Conditions

**Module Type**

Power Output $P_{max}$ W: 370, 375

Power Tolerance $\Delta P_{max}$ W: $\pm 3\%$

Module Efficiency $\eta$ %: 20.00, 20.00

Voltage at $P_{max}$ $V_m$ V: 34.1, 34.2

Current at $P_{max}$ $I_m$ A: 10.85, 10.96

Open-Circuit Voltage $V_{oc}$ V: 41.4 $\pm 4\%$, 41.5 $\pm 4\%$

Short-Circuit Current $I_{sc}$ A: 11.41 $\pm 4\%$, 11.53 $\pm 4\%$

STC: 1000W/m² irradiance, 25°C module temperature, AM1.5

Remark: Sorting tolerance as 0→5W in our factory.

**THERMAL CHARACTERISTICS**

Nominal Operating Cell Temperature NOCT °C: 43±2

Temperature Coefficient of $P_{max}$ $\gamma$ %/°C: -0.360

Temperature Coefficient of $V_{oc}$ $\beta_{oc}$ %/°C: -0.290

Temperature Coefficient of $I_{sc}$ $\beta_{sc}$ %/°C: -0.049

**OPERATING CONDITIONS**

Max. System Voltage: 1500V

Max. Series Fuse Rating: 20A

Operating Temperature Range: -40°C~85°C

Max static snow load: 5400Pa

Max static wind load: 3800Pa

Safety Class: II

Fire class rating: Class C

**CONSTRUCTION MATERIALS**

Front Cover (material/type/thickness): low-iron tempered glass/3.2mm

Cell (quantity/material/type/dimension): 120 monocristalline/166X83mm

Encapsulant (material): ethylene vinyl acetate (EVA)

Frame (material/anodization color): anodized aluminum alloy/silver

Junction Box (protection degree): IP68

Cable (length/cross-sectional area): 400mm²/4mm²

Plug Connector: DC1500 "PV-ZH222B/PV-JM11APV-JM11A/PV-JM168/PV-CY935L, Made in China" 1145×42mm

drainage holes: 18 places

mounting slots: 8 places

grounding hole: 6 places

**GENERAL CHARACTERISTICS**

Dimension (L/W/H): 1785x1048x35mm

Weight: 20.2kg

**PACKING CONFIGURATION**

Pallet Size (L/W/H): 1605/1120/2500mm

Pallet Weight: 1393kg

Pieces per Pallet: 62pcs

Pieces per Container: 790pcs

**INTERNATIONAL CERTIFICATES**

- TÜV SÜD, CE, JET, MCS, CCC, IMERTRO
- ISO9001:2015
- ISO14001:2015
- BS OHSAS 18001:2007

Please read the installation manual in this entirety before handling, installing, and operating Ulica Solar modules. Due to continuous innovation, research and improvement, the specification is subject to change without prior notice.