

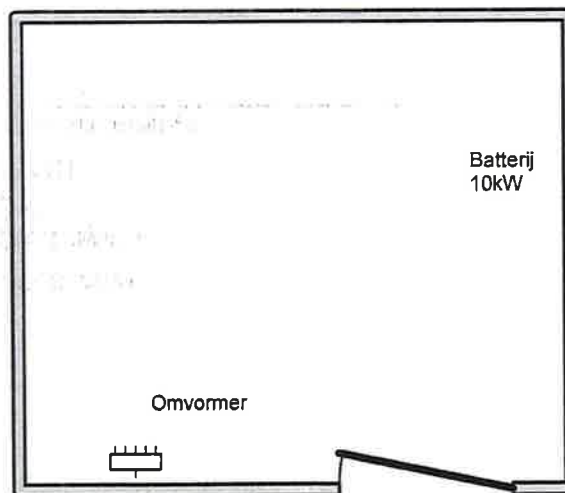
Elektrische schema's Elektrische keuring

Project:

██████████
Kapelhof 11 bus 101
3800 Brustem

Zonnepanelen

Berging



Erkend Organisme

Atecon
Prins Boudewijnlaan 43 bus 10
2650 Edegem
Tel.: 03 770 75 14
e-mail: info@atecon.be



24/03/2023

Plaats van de elektrische installatie

Kapelhof 11 Bus 101
3800 Brustem
GSM: 0494243245
e-mail: dirk.vijnck@telenet.be

EAN 541449200007638739

Installateur

EWT bv
Kasteellaan 2
3803 Wilderen
GSM: 0475 63 07 83
e-mail: info@ewtbvba.be
BTW BE 0543.470.511



www.EWTBVBA.be 0475 63 07 83

p. 2/2 Situatieschema

2 x 230V ~ 50Hz

21.4%
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

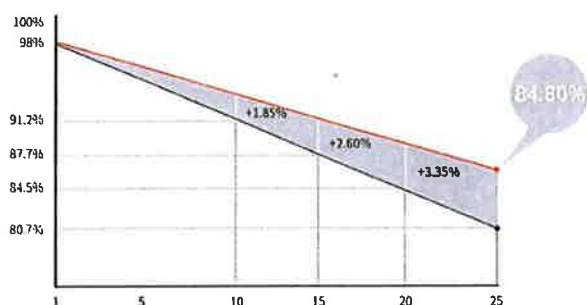
<2%
FIRST YEAR
POWER DEGRADATION

0.55%
YEAR 2-25
POWER DEGRADATION

HALF-CELL
Lower operating temperature

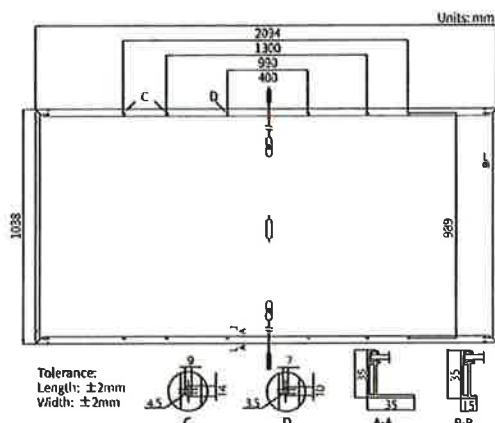
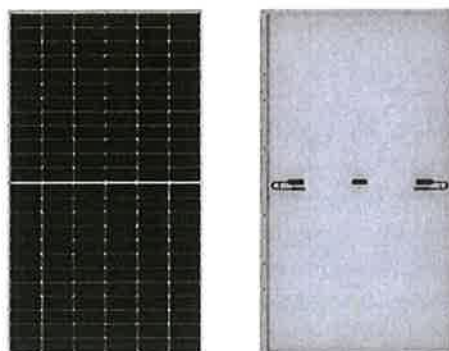
Additional Value

25-Year Power Warranty



Mechanical Parameters

Cell Orientation	144 (6×24)
Junction Box	IP68, three diodes
Output Cable	4mm ² , +400, -200mm/±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	24.3kg
Dimension	2094×1038×35mm
Packaging	30pcs per pallet / 150pcs per 20' GP / 660pcs per 40' HC



Electrical Characteristics

STC: AM1.5 1000W/m² 25°C

NOCT: AM1.5 800W/m² 20°C 1m/s

Test uncertainty for P_{max}: ±3%

Module Type	LR4-72HIH-445M		LR4-72HIH-450M		LR4-72HIH-455M		LR4-72HIH-460M		LR4-72HIH-465M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max} /W)	445	334.3	450	339.0	455	341.8	460	345.5	465	349.3
Open Circuit Voltage (V _{oc} /V)	49.1	46.2	49.3	46.4	49.5	46.5	49.7	46.7	49.9	46.9
Short Circuit Current (I _{sc} /A)	11.53	9.35	11.60	9.41	11.66	9.46	11.73	9.51	11.79	9.56
Voltage at Maximum Power (V _{mp} /V)	41.3	38.4	41.5	38.6	41.7	38.8	41.9	39.0	42.1	39.2
Current at Maximum Power (I _{mp} /A)	10.78	8.70	10.85	8.75	10.92	8.81	10.98	8.86	11.05	8.91
Module Efficiency(%)	20.5		20.7		20.9		21.2		21.4	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
V _{oc} and I _{sc} Tolerance	±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	20A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

Temperature Ratings (STC)

Temperature Coefficient of I _{sc}	+0.050%/°C
Temperature Coefficient of V _{oc}	-0.265%/°C
Temperature Coefficient of P _{max}	-0.340%/°C

district, Shenzhen, 518129, P.R.C
中國製造
MADE IN CHINA



(1P)PN/ITEM:01075349-015 Y
(32P)MODEL:SUN2000-3.68KTL-L1
(S)SN:HV2280271006 MADE IN CHINA



MAC:BC9930F97951-51(1)

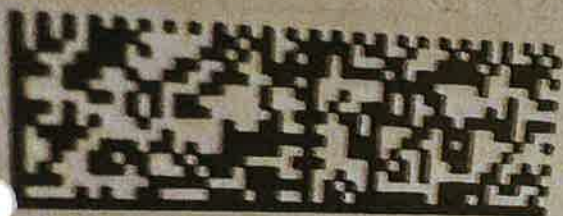
WIFI
SSID:
SUN2000-HV2280271006
PSW:
Changeme



HUAWEI
 型号 Model: SUN2000-3.68KTL-L1
 名称 Name: 太阳能光伏逆变器 SOLAR INVERTER
 最大输入电压 d.c. Max. Input Voltage: 600V
 MPT电压范围 d.c. MPT Range: 90 - 580V
 输入短路电流 150 PV: 18 A/18 A
 电池 Battery: 600 VDC Max; 16 A Max
 输出电压 a.c. Output Nominal Voltage: 230/240 V~
 输出频率 a.c. Output Frequency: 50/60 Hz
 额定输出功率 a.c. Output Rated Power: 3.68 kW
 额定输出电流 a.c. Output Rated Current: 16.0/15.3 A
 最大输出电流 a.c. Output Max. Current: 16 A
 功率因数 Power Factor: 0.8 (lagging) - 0.8 (leading)
 温度范围 Operating Temperature Range: -25 - +60 °C
 过电压类别 Overvoltage Category: II (DC)/III (AC)
 逆变器拓扑 Inverter Topology: Non-Isolation
 电池电压范围 Battery voltage range: 350 - 600 Vd.c.
 防护等级 Enclosure: IP65
 保护等级 Protection Class: I

华为技术有限公司
 HUAWEI TECHNOLOGIES CO., LTD.
 HQ of Huawei, Bantian, Longgang District, Shenzhen, 518129, P.R.C
 中国制造
 MADE IN CHINA





(1P)PN/ITEM:01074646-006

(32P)Model:LUNA2000-5KW-L00

(S)SN:HV2270146273 Y MADE IN CHINA

C SWITCH

OFF

(1P)PNITEM: 01074843-012
(32P)Model: LUNA2000-5-E0 Y
(S)SN: UB2270047578



COM

(1P)PN/ITEM: 01074843-012

(32P)Model: LUNA2000-6-E0

(S)SN: UB2270040807

Y

MADE IN CHINA



Elektriciteit	Aardgas	fluvius.
EAN-nummer	Appartement: 11/101	
5 4 1 4 4 9 2 0 0 0 7 6 3 8 7 3 9		

ADN1103 2022

