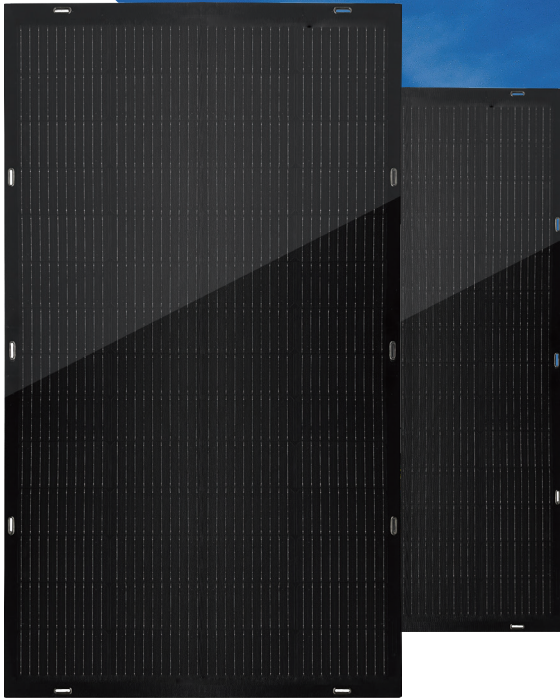




Loada Solar



Flexible

100-110W

Flexible Solar Panel



Light Weight

Frameless, Glass free



Flexibility

Special manufacturing process and materials provide bending ability



Aesthetic Appearance

Half cell design, High Consistency



Easy Installation

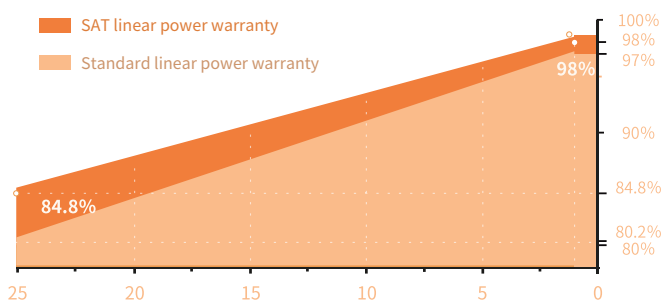
Light weight, easy for handling



Customized

Provide Customized Service

Linear Performance Warranty



Quality system ISO 9001 2015



Linear power warranty

25 YEAR

Linear Power
Warranty

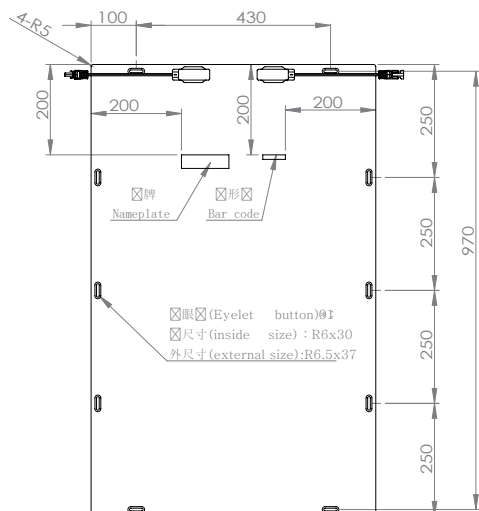
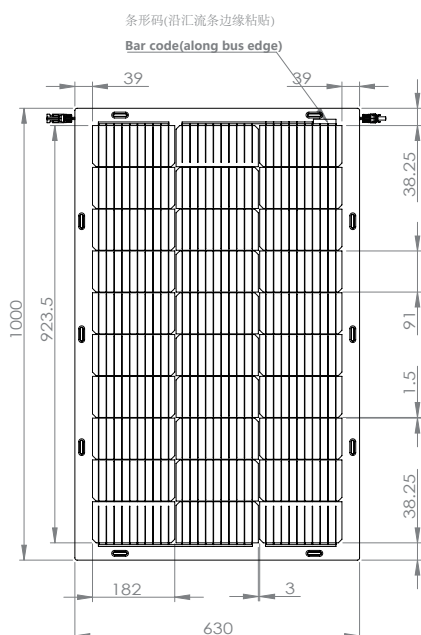
12 YEAR

Product
Varranty

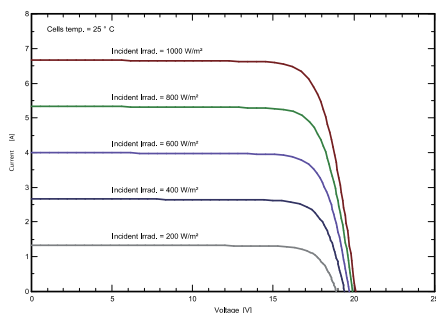


Loada Solar

Characteristics



I-V Curve



Electrical Characteristics(STC)

ITEM	SAT-100-F8ME	SAT-105-F8ME	SAT-110-F8ME
Maximum Power (Pmax)	100W	105W	110W
Maximum Power Voltage(Vmp)	16. 50V	16. 55V	16. 63V
Maximum Power Current(Imp)	6. 42A	6. 46A	6. 66A
Open-circuit Voltage(Voc)	20. 1V	20. 13V	20. 21V
Short-circuit Current(Isc)	6. 68A	6. 73A	6. 94A
Module Efficiency(%)	15. 87%	16. 67%	17. 47%
Operating Temperature	-40 C to 85 C		
Maximum System Voltage	600VDC		
Maximum Series Fuse Rating	15A		
Application Class	Class A		
Power Tolerance	0~+5 W		
STC:Irradiance 1000W/m ² , module temperature 25 C , AM=1.5			

Mechanical Characteristics

Solar Cell	Monocrystalline silicon cell
Cell Size	182×91mm
No. of cells	30(10*3)
Module Dimensions	L:1000*W:630*H:3 mm L:1000*W:630*H:18 mm(J-Box included)
Weight	2.2kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm²
Cable length	(+)/(-) 700 mm
Connector	MC4 compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2 C
Temperature Coefficient of Pmax	-0.38%/ C
Temperature Coefficient of Voc	-0.28%/ C
Temperature Coefficient of Isc	0.020%/ C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	2100	4200

LOADA-SOLAR Von Quantums GmbH

Add: Robert-Bosch-Straße 5, 63225 Langen (Hessen)

info@famhaus.de