

SAT-100-110-F8ME 100-110W

Flexible Solar Panel

Quality system: ISO 9001: 2015



5 **YEAR**
Product Warranty



Aesthetic

Fully black design, exquisite appearance,
reducing light pollution
The original white design is also available



Lightweight

No glass modules, 70% lighter than
traditional glass modules



Independent packaging

Convenient for C-end sales



Customizable

Both size and electrical performance can
be customized



DIY feature

Customers can install it themselves without
professional personnel

Electrical Characteristics(STC)

ITEM	SAT-100-F8ME	SAT-105-F8ME	SAT-110-F8ME
Maximum Power (Pmax)	100W	105W	110W
Maximum Power Voltage(Vmp)	16.41V	16.55V	16.63V
Maximum Power Current(Imp)	6.17A	6.46A	6.66A
Open-circuit Voltage(Voc)	20.04V	20.13V	20.21V
Short-circuit Current(Isc)	6.39A	6.73A	6.94A
Module Efficiency(%)	15.87%	16.67%	17.46%
Operating Temperature	-40 °C to 85 °C		
Maximum System Voltage	600VDC		
Maximum Series Fuse Rating	15A		
Application Class	Class II		
Power Tolerance	0~+5 W		

STC:Irradiance 1000W/m² , module temperature 25°C , AM=1.5 , test tolerance ±3%

Mechanical Characteristics

Solar Cell	Monocrystalline Silicon Cell
Cell Size	182×91 mm
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	2.2 kg
Backsheet	Black PV Backsheet/Original White
J-Box	IP 68
Output Cables	Photovoltaic Technology Cable 4.0mm ²
Cable Length	(+) / (-) 500 mm or Customized Length
Connector	MC4 Compatible

Temperature Characteristics

NOCT(Nominal Operating Cell Temperature)	41 ± 2°C
Temperature Coefficient of Pmax	-0.35%/°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.050%/°C

Single-Piece Pack Packaging Information

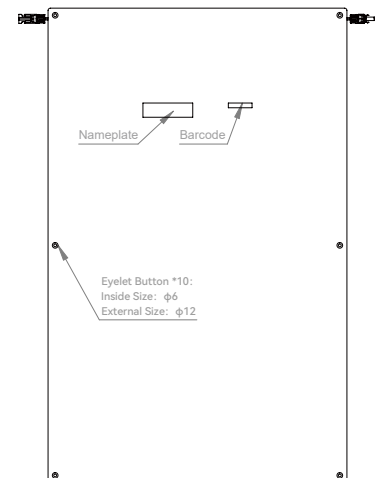
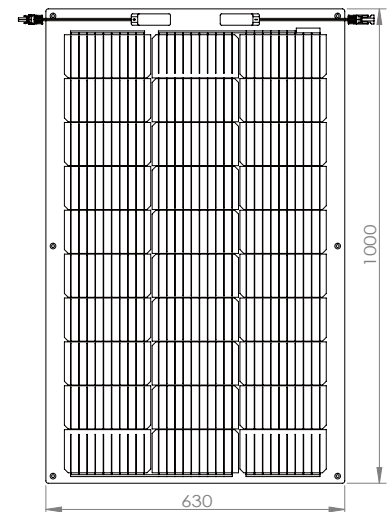
Container	20'GP	40'HQ
Pieces Per Pallet	22	22
Single Pack Size	1040*675*55 mm	1040*675*55 mm
Single Pallet Size	1155*1050*810 mm	1155*1050*810 mm
Pieces Per Container	440	1320

Whole-Pallet Pack Packaging Information

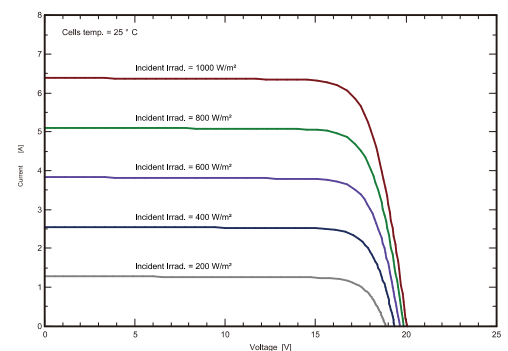
Container	20'GP	40'HQ
Pieces Per Pallet	70	70
Single Pallet Size	1080*1110*795 mm	1080*1110*795 mm
Pieces Per Container	1400	4620

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Characteristics



I-V Curve



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