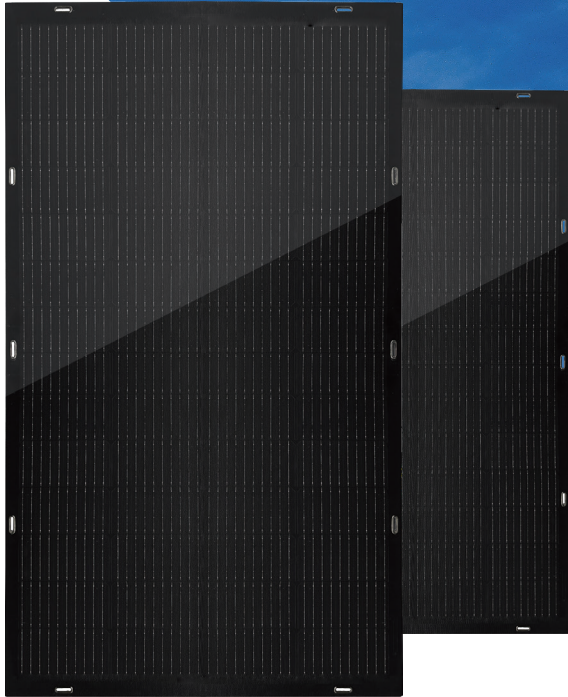




Loada Solar



Flexible

200-210W

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

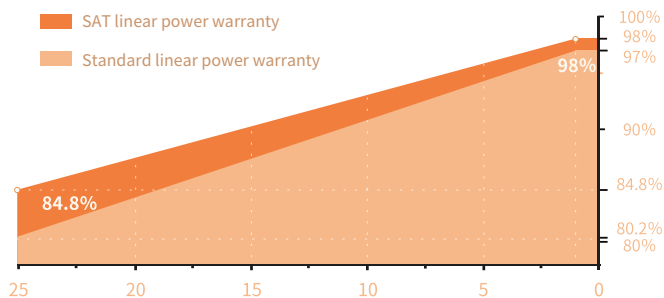
Light weight, easy for handling



Customized

Provide Customized Service

Linear Performance Warranty



Quality system: ISO 9001: 2015



Linear power warranty

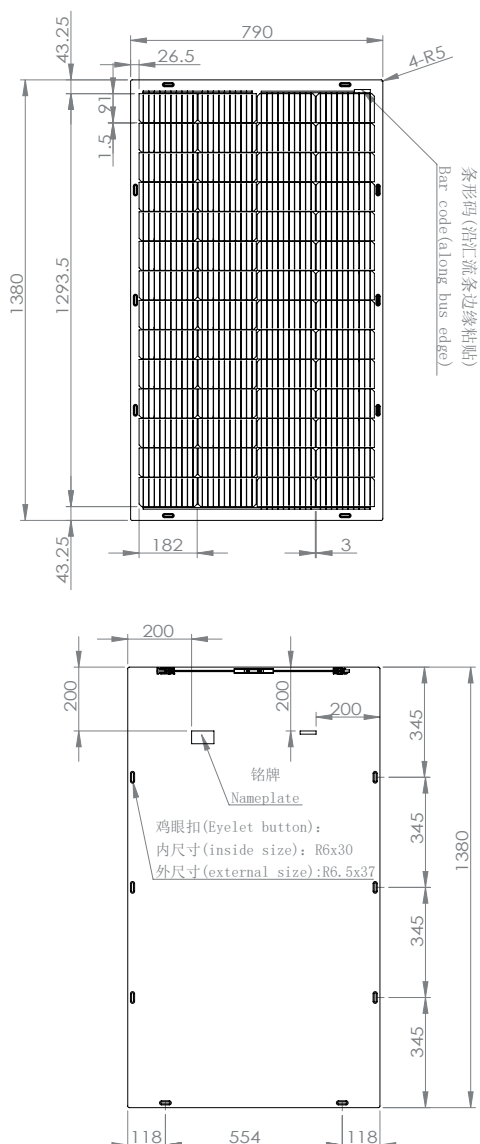
25 YEAR Linear Power Warranty

12 YEAR Product Warranty

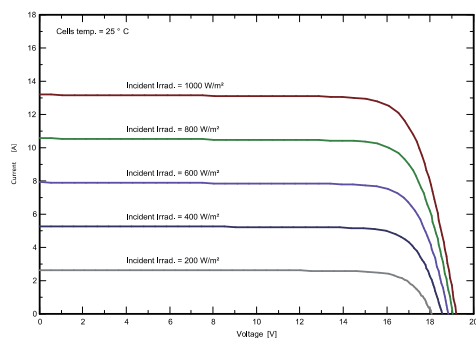


Loada Solar

Characteristics



I-V Curve



Electrical Characteristics(STC)

ITEM	SAT-200-F8MP	SAT-205-F8MP	SAT-210-F8MP
Maximum Power (Pmax)	200W	205W	210W
Maximum Power Voltage(Vmp)	16.03V	16.10V	16.20V
Maximum Power Current(Imp)	12.65A	12.78A	13.06A
Open-circuit Voltage(Voc)	19.20V	19.33V	19.40V
Short-circuit Current(Isc)	13.19A	13.41A	13.75A
Module Efficiency(%)	18.35%	18.80%	19.26%
Operating Temperature	-40 C to 85 C		
Maximum System Voltage	1000VDC		
Maximum Series Fuse Rating	20A		
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	56(14*2*2)
Module Dimensions	L:1380*W:790*H:3 mm L:1380*W:790*H:18 mm(J-Box included)
Weight	3.4kg
Backsheet	White PV Backsheet
J-Box	IP 67
Output cables	4mm ²
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'GP
Pieces per pallet	70	70
Pieces per container	980	2100

LOADA-SOLAR Von Quantums GmbH

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