

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 II		
Power Tolerance	0~+5 W		

STC:Irradiance 1000W/m² , 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	Black PV Backsheet
J-Box	IP 68
Output cables	Photovoltaic Technology Cable 4.0mm ²
Cable length	(+)/(-) 500 mm or Customized Length
Connector	MC4 compatible

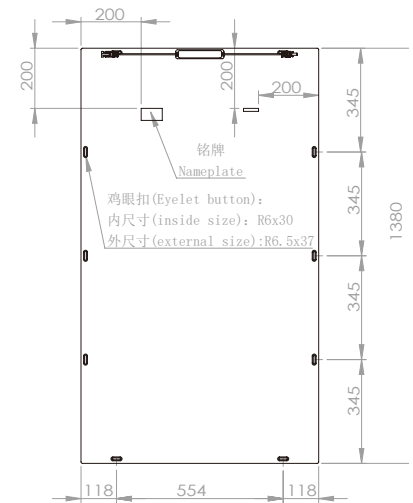
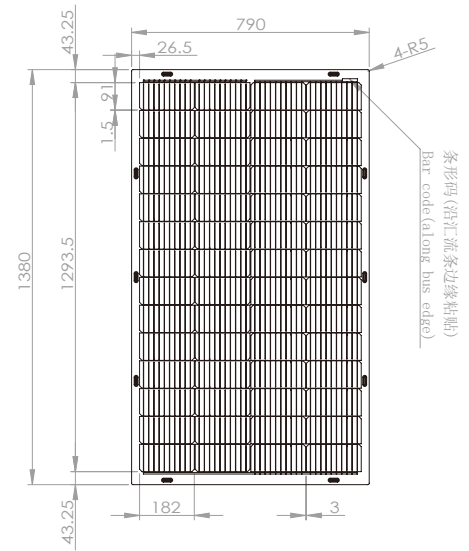
Temperature Characteristics

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

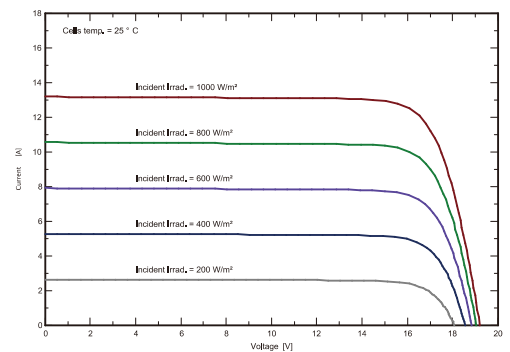
Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	980	2100

Characteristics



I-V Curve



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