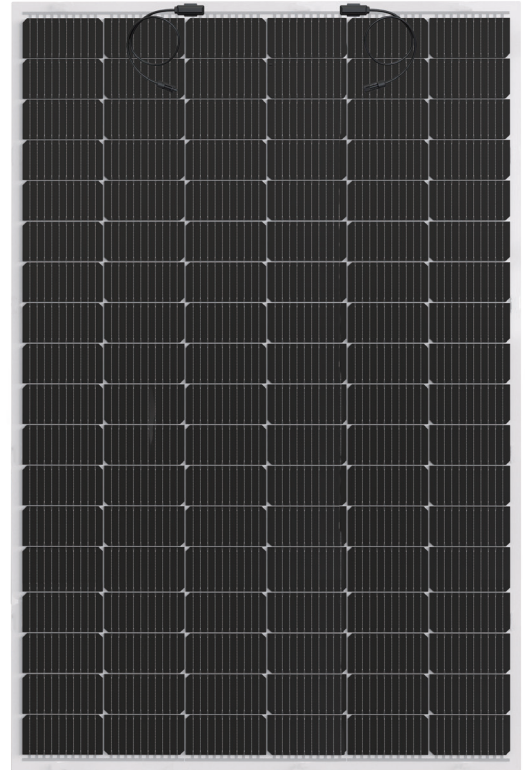




High Performance Glass Solar Module

410W

Glass Solar Panel



Multi Busbar

Better light utilization and current collection capability, Effectively improve product power output and reliability



Shock Resistance

Tempered Glass, High Quality Aluminium Frame



Aesthetic Appearance

Half cell design, High Consistency



Easy Installation

Light weight, easy for handling



Customized

Provide Customized Service

Quality system: ISO 9001: 2015



Linear Performance Warranty

linear power warranty

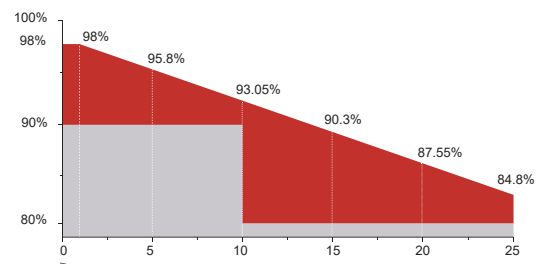


25 Year Linear Power Warranty



12 Year Product Warranty

linear power warranty Standard



ELECTRICAL CHARACTERISTICS

STC	AP-410-G8PC
Maximum Power (P _{max})	410W
Maximum Power Voltage(V _{mp})	30.9V
Maximum Power Current(I _{mp})	13.29A
Open-circuit Voltage(V _{oc})	37.3V
Short-circuit Current(I _{sc})	13.90A
Module Efficiency(%)	20.60%
Operating Temperature	-40°C to 85°C
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	20A
Application Class	Class A
Power Tolerance	0~+5W

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	108
Module Dimensions	L:1745*W:1138*H:18 mm(Junction box 15mm)
Weight	13.2 kg
Front Glass	1.6 mm tempered AR Glass
Backsheet	White
Frame	None
J-Box	IP 67
Output cables	4mm ²
Cable length	(+)/(-) 500 mm
Connector	MC4 compatible

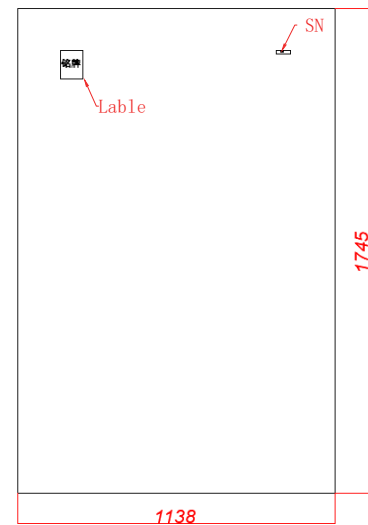
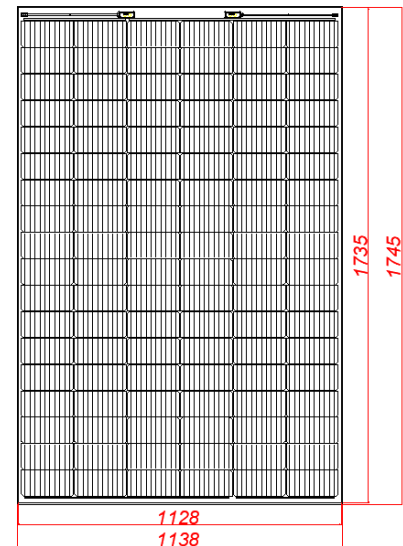
TEMPERATURE CHARACTERISTICS

NOCT(Nominal Operating Cell Temperature)	45 ± 2°C
Temperature Coefficient of P _{max}	-0.35%/°C
Temperature Coefficient of V _{oc}	-0.27%/°C
Temperature Coefficient of I _{sc}	0.050%/°C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	840	1820

CHARACTERISTICS



I-V CURVE

