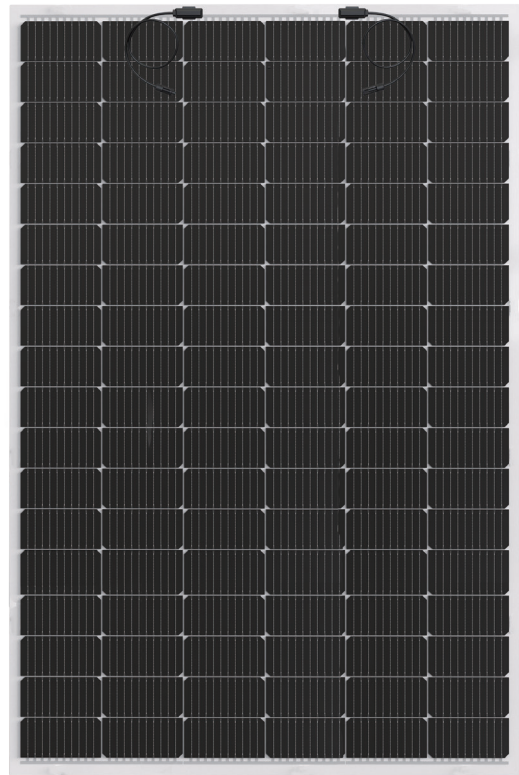


Flexible

400W

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

Quality system: ISO 9001: 2015



Linear Performance Warranty

linear power warranty

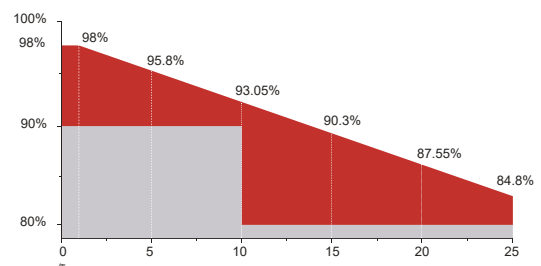


25 Year
Linear Power Warranty



12 Year
Product Warranty

linear power warranty Standard



ELECTRICAL CHARACTERISTICS

STC	AP-400-F8PC
Maximum Power (P_{max})	400W
Maximum Power Voltage (V_{mp})	30.7V
Maximum Power Current (I_{mp})	13.03A
Open-circuit Voltage (V_{oc})	37.1V
Short-circuit Current (I_{sc})	13.66A
Module Efficiency (%)	20.2%
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	1745*1140*18mm (Junction box 15mm)
Weight	6.3 kg
Backsheet	White
J-Box	IP 67
Output cables	4mm ²
Cable length	(+)/(-) 500mm
Connector	MC4 compatible

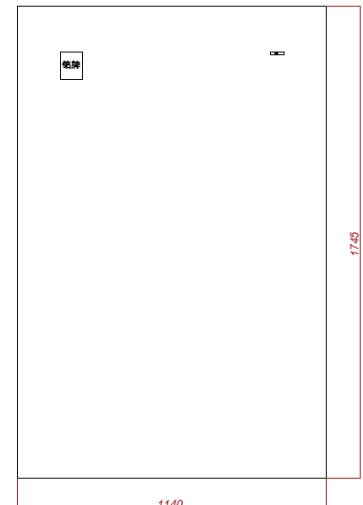
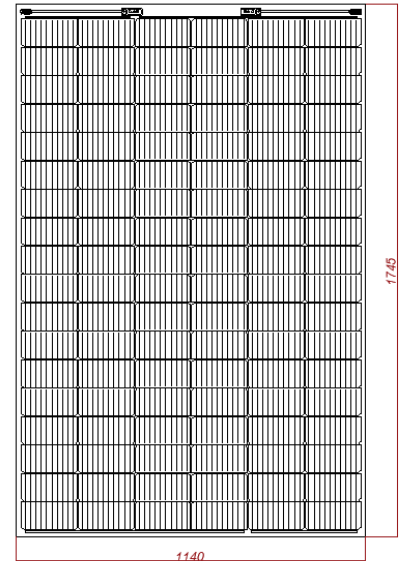
TEMPERATURE CHARACTERISTICS

NOCT (Nominal Operating Cell Temperature)	45 ± 2°C
Temperature Coefficient of P_{max}	-0.38%/°C
Temperature Coefficient of V_{oc}	-0.28%/°C
Temperature Coefficient of I_{sc}	0.020%/°C

Packaging

Container	20'GP	40'HQ
Pieces per pallet	70	70
Pieces per container	420	1820

CHARACTERISTICS



I-V CURVE

