

550W
570W

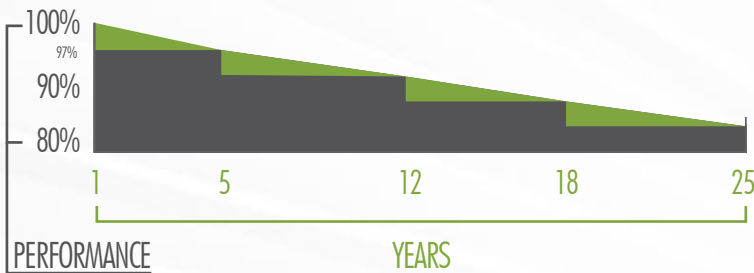
SK-550P8-144M/SK-570P8-156M
(MULTI BUSBAR)

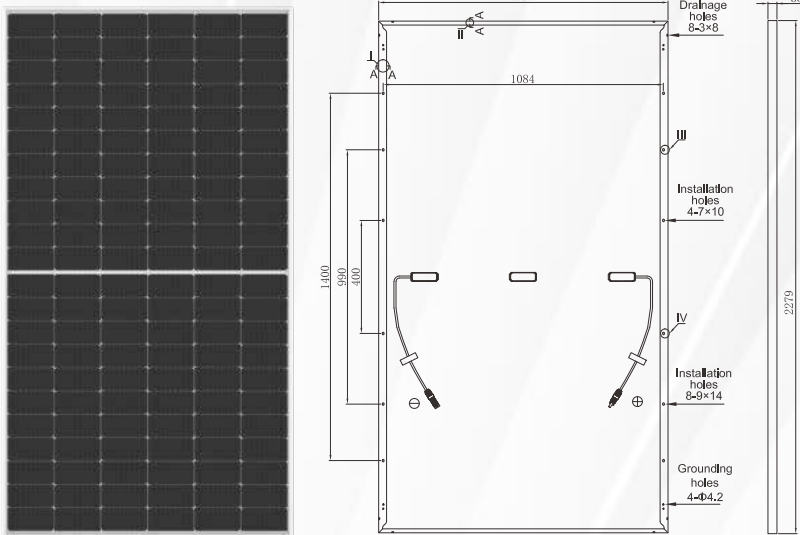
HALF CUT MONO PERC

KEY SALIENT FEATURES

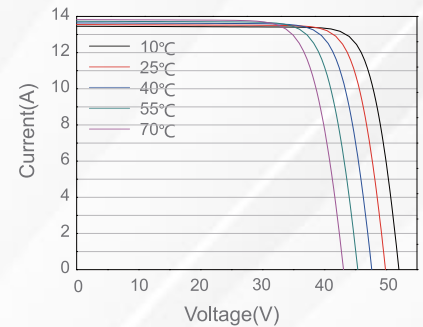
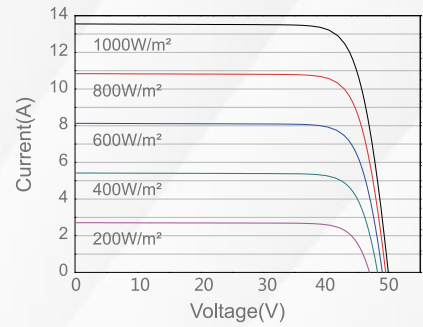
- ✓ High module conversion efficiency up to 21.16%
- ✓ 2% more power generation, lower LCOE
- ✓ Reliable quality leads to a better sustainability even in harsh environment
- ✓ More power output in weak light condition such as cloudy, morning and sunset
- ✓ Lower operating temperature and temperature coefficient increases the power output
- ✓ Less energy loss caused by shading due to new cell string layout and lower cell connection power loss due to half-cell design.

ADDED VALUE FROM WARRANTY



MECHANICAL DRAWINGS

I-V CURVES

IV Curves at 550W and 570W Solar at different irradiances


MECHANICAL SPECIFICATION

Module Type	SK-570P8-156M	SK-550P8-144M
Module Size	182mm	182mm
Power Output (Pmax / W)	570W	550W
Power Output Tolerances	±3%	±3%
Module Efficiency (ηm)	21.36%	21.30%
Voltage at Pmax (Vmp / V)	42.57V	41.57V
Current at Pmax (Imp / A)	13.8A	13.23A
Open-circuit Voltage (Voc / V)	49.82V	49.62V
Short-circuit Current (Isc / A)	14.30A	14.03A

GENERAL CHARACTERISTICS

Products Dimension (L/W/H)	2279*1134*35mm
Weight	28.5KGS
QTY of per Pallet	31pcs per pallet
Packaging box dimensions	2295*1095*1145MM
No. of pallets for 40HQ Containers	20 Pallets (620PCS)

THERMAL CHARACTERISTICS

Normal operating cell temperature	45±2
Temperature coefficient of Pmax	-0.35
Temperature coefficient of Voc	-0.27
Temperature coefficient of Isc	0.05
Temperature coefficient of Vmpp	-0.42

OPERATING CONDITIONS

Maximum system voltage	1500Vdc
Maximum series fuse rating	20A
Operating temperature range	-40°C to 85°C
Maximum static load front (e.g., Snow)	5400Pa
Maximum static load back (e.g., Wind)	2400Pa
Maximum hailstone impact (diameter)	25mm/23m/s

CONSTRUCTION MATERIALS

Front cover (Material/thickness)	low-iron tempered glass/3.2mm
Cell (quantity/material)	144PCS Mono Perc (182MM)
Frame (Material)	anodized aluminum alloy/silver/clear
Junction box (protection degree)	≥IP65
Cable (Length/cross-sectional area)	300mm/4mm ²

 STC: 1000W/m² irradiance, 25°C cell temperature, AM1.5. NOCT: Irradiance at 800W/m², Ambient Temperature 20°C, wind speed 1m/s.

Note: Product specifications are subject to change without further notice