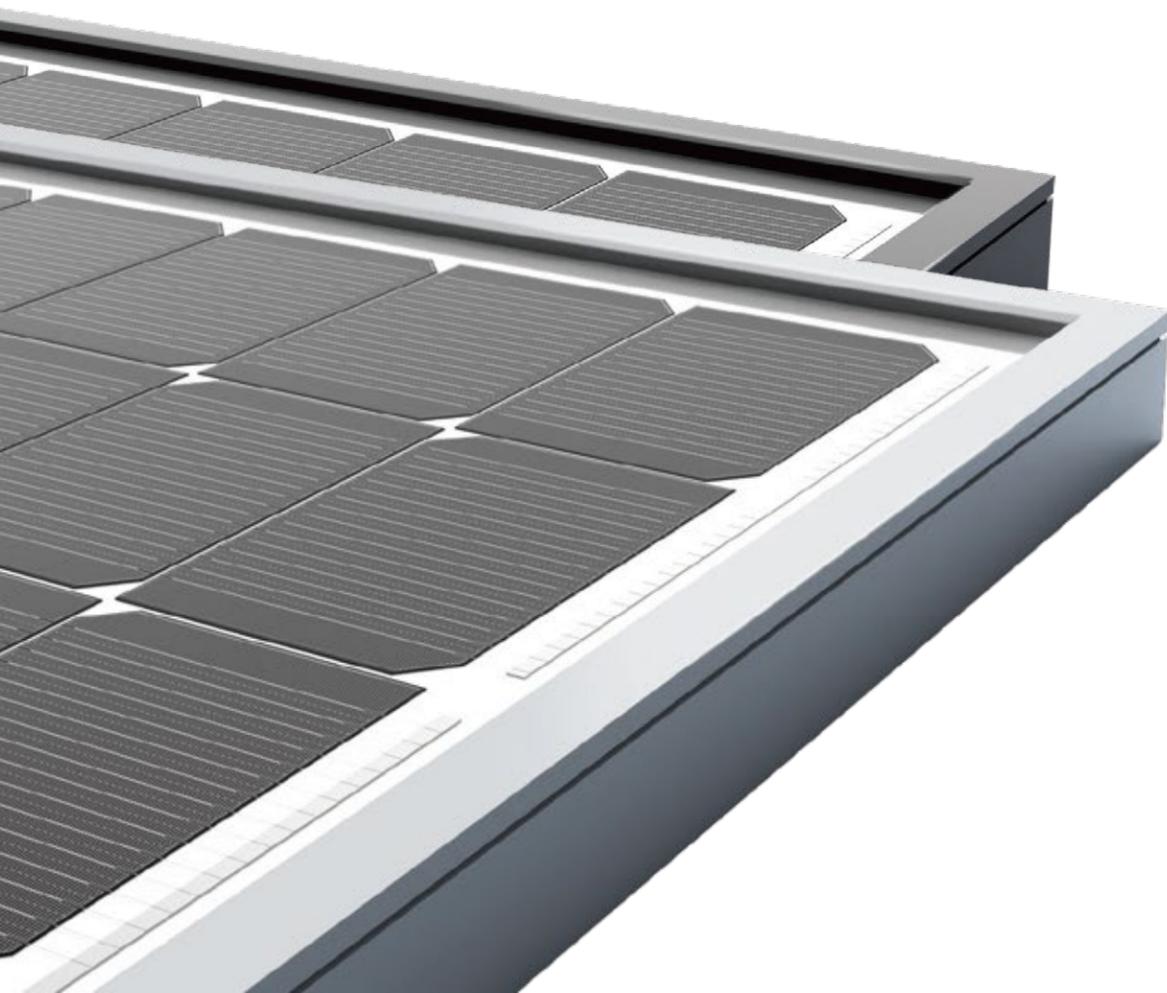


420~440W

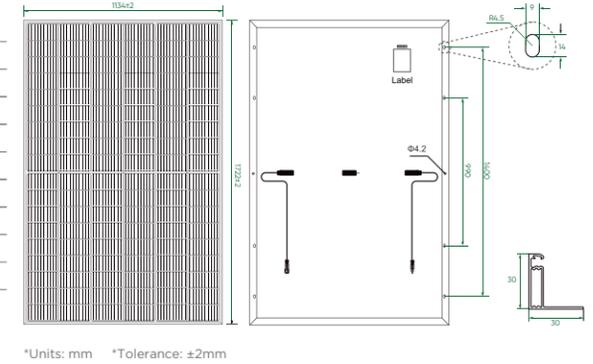
- N-TOPCon Cell Technology
- Excellent Durability
- Low Power Degradation
- Excellent Low Irradiance Performance
- Excellent An-PID, Low LID Performance
- Higher Power Output



Mechanical Parameters

Cell Orientation	108 (2x54)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 300mm in length, length can be customized
Glass	Single glass 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	20.5kg±3%
Dimension	1722×1134×30mm
Packaging	36pcs per pallet 936pcs per 40'ft Container 216pcs per 20'ft Container

Operational Temperature	-40°C~+85°C
Power Output Tolerance	0~+5W
Voc & Isc Tolerance	±3%
Max. System Voltage	DC1500V(IEC/UL)
Max. Series Fuse Rating	25A
NOCT	45±2°C
Safety Class	II
Fire Rating	UL type 1 or 2
Max. Static Load(Front)	5400Pa
Max. Static Load(Back)	2400Pa



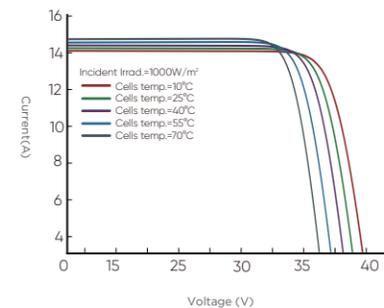
Electrical Characteristics

Model Number	SAS420MN-108B		SAS425MN-108B		SAS430MN-108B		SAS435MN-108B		SAS440MN-108B	
	STC	NOCT								
Testing Condition										
Maximum Power (Pmax/W)	420	319	425	323	430	326	435	330	440	334
Open Circuit Voltage (Voc/V)	38.11	36.10	38.30	36.20	38.49	36.40	38.68	36.50	38.87	36.60
Short Circuit Current (Isc/A)	14.07	11.34	14.15	11.41	14.23	11.47	14.31	11.53	14.39	11.59
Voltage at Maximum Power (Vmp/V)	31.52	29.70	31.71	29.90	31.89	30.10	32.08	30.30	32.26	30.50
Current at Maximum Power (Imp/A)	13.33	10.74	13.41	10.80	13.49	10.87	13.57	10.90	13.65	10.95
Module Efficiency(%)	21.51		21.77		22.02		22.28		22.53	
Temperature Coefficient of Isc										
Temperature Coefficient of Voc										
Temperature Coefficient of Pmax										

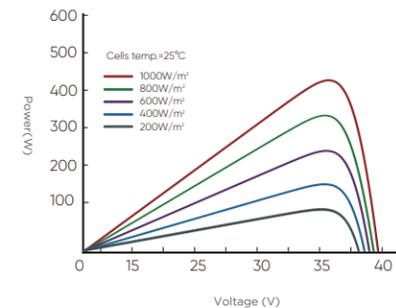
* STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5
 * NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s
 * Test uncertainty for Pmax: ±3%

V-Curve (SAS430MN-108B)

Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve

