



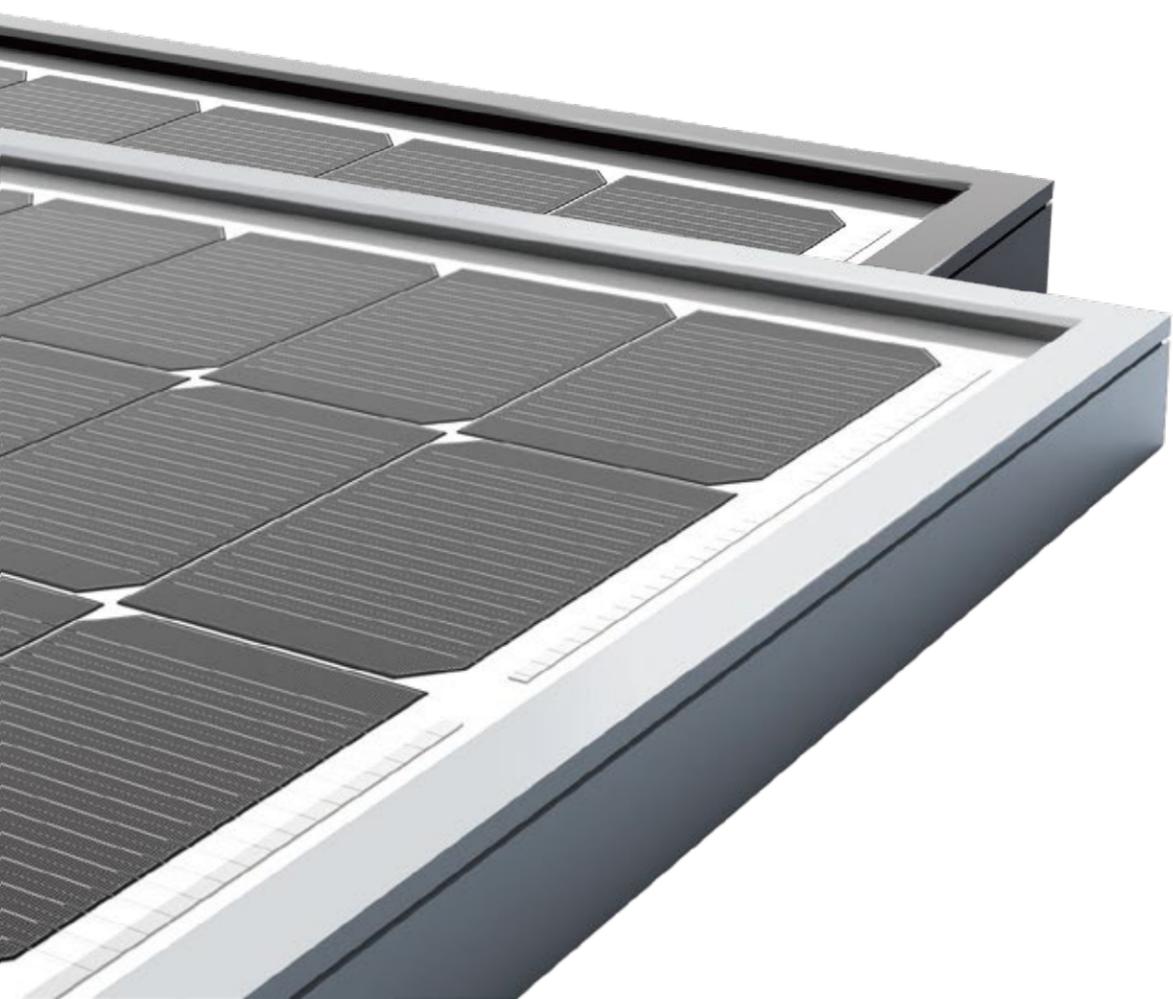
Hi Pro

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585~605W

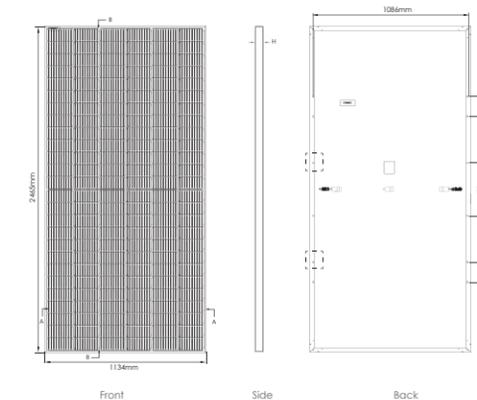
- P** Higher Module Conversion Efficiency
- Excellent Durability**
- Low Power Degradation**
- Excellent Low Irradiance Performance**
- PID** Excellent An-PID, Low LID Performance
- HOT** Reduced Hot Spot Risk



Mechanical Parameters

Cell Orientation	156 (2x78)
Junction Box	IP68, three diodes
Output Cable	4mm <sup>2</sup> , 300mm in length, length can be customized
Glass	Single glass 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight:	30.5kg±3%
Dimension	2465×1134×35mm
Packaging	31 pcs per pallet 558 pcs per 40'ft Container 155 pcs 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	SAS585MN-156H		SAS590MN-156H		SAS595MN-156H		SAS600MN-156H		SAS605MN-156H	
	STC	NOCT								
Testing Condition										
Maximum Power (Pmax/W)	585	435	590	449	595	453	600	457	605	461
Open Circuit Voltage (Voc/V)	51.28	49.35	51.41	49.44	51.54	49.45	51.67	49.50	51.80	49.56
Short Circuit Current (Isc/A)	14.39	11.35	14.46	11.39	14.53	11.43	14.60	11.47	14.67	11.51
Voltage at Maximum Power (Vmp/V)	43.34	41.47	43.49	41.69	43.64	41.91	43.79	42.13	43.94	42.35
Current at Maximum Power (Imp/A)	13.50	10.73	13.57	10.77	13.64	10.81	13.71	10.85	13.78	10.89
Module Efficiency(%)	20.93		21.11		21.29		21.47		21.65	
Temperature Coefficient of Isc	+0.045%/°C									
Temperature Coefficient of Voc	-0.250%/°C									
Temperature Coefficient of Pmax	-0.290%/°C									

\* STC (Standard Testing Conditions): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Spectra at AM1.5  
 \* NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s  
 \* Test uncertainty for Pmax: ±3%

V-Curve (132H-182M-595W)

