

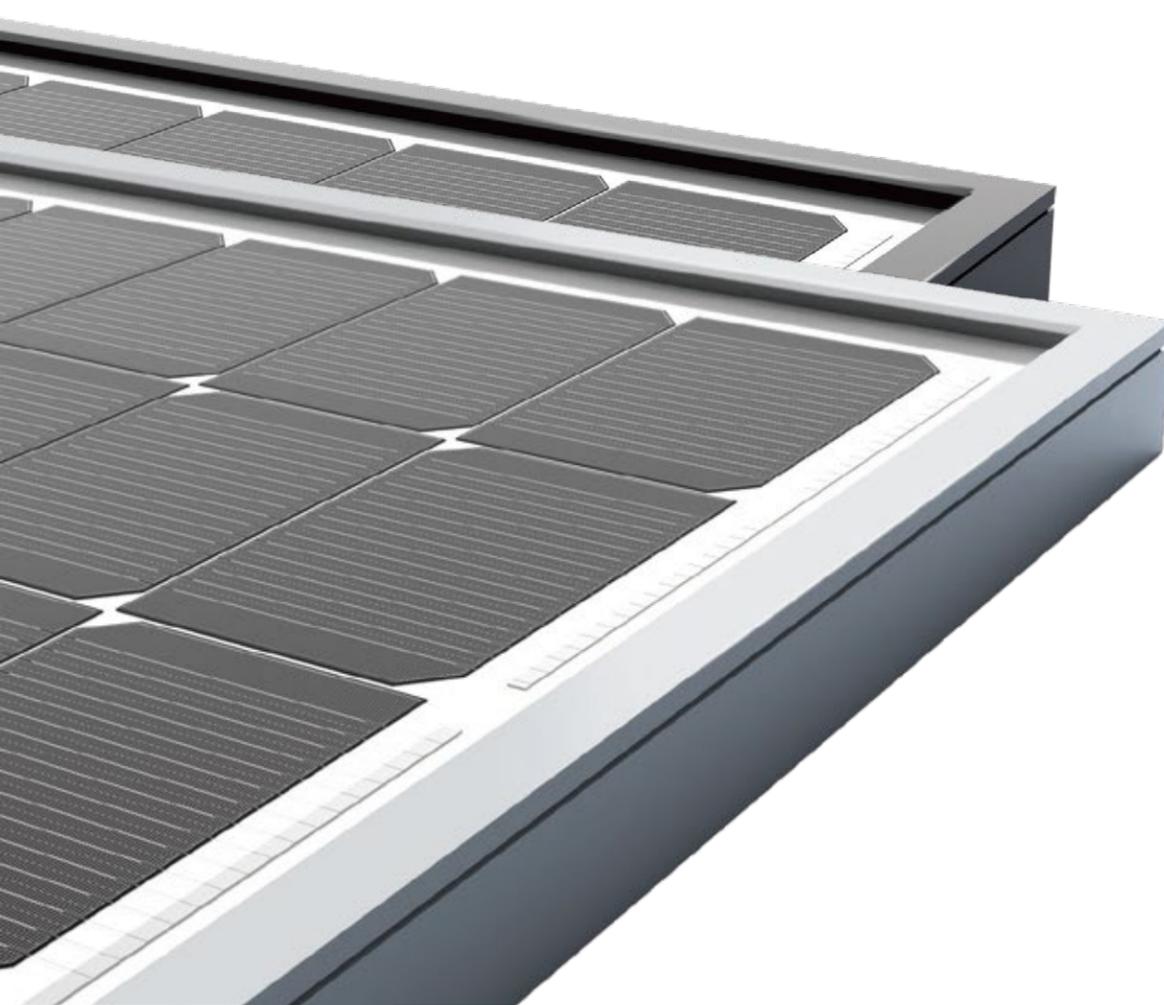
Hi Pro

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530~555W

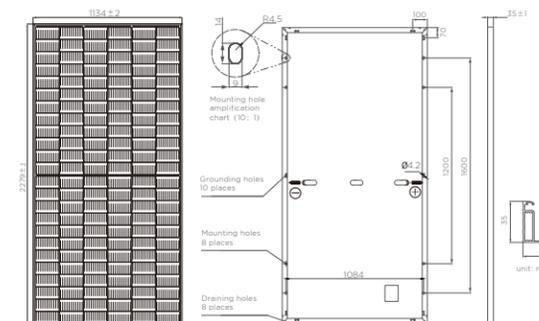
- P** Higher Module Conversion Efficiency
- Excellent Durability**
- Low Power Degradation**
- Excellent Low Irradiance Performance**
- PID** Excellent An-PID, Low LID Performance
- HOT** Reduced Hot Spot Risk



Mechanical Parameters

Cell Orientation	144 (2x72)
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:	28.6kg±3%
Dimension	2279x1134x35mm
Packaging	31pcs per pallet 620pcs per 40'ft Container 155pcs 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 Ratin	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



*Units: mm *Tolerance: ±2mm

Electrical Characteristics

Model Number	SAS530M-144H		SAS535M-144H		SAS540M-144H		SAS545M-144H		SAS550M-144H		SAS555M-144H	
	STC	NOCT										
Testing Condition												
Maximum Power (Pmax/W)	530	401	535	405	540	408	545	412	550	416	555	420
Open Circuit Voltage (Voc/V)	49.26	46.18	49.40	46.31	49.53	46.43	49.70	46.55	49.80	46.68	49.94	46.85
Short Circuit Current (Isc/A)	13.69	11.01	13.77	11.05	13.85	11.09	13.93	11.13	14.01	11.17	14.09	11.21
Voltage at Maximum Power (Vmp/V)	40.74	38.57	40.88	38.78	41.01	38.99	41.15	39.20	41.28	39.43	41.42	39.66
Current at Maximum Power (Imp/A)	13.01	10.39	13.09	10.43	13.17	10.47	13.25	10.51	13.33	10.55	13.41	10.59
Module Efficiency(%)	20.51		20.70		20.89		21.09		21.28		21.48	
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/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 (SAS545M-144H)

