



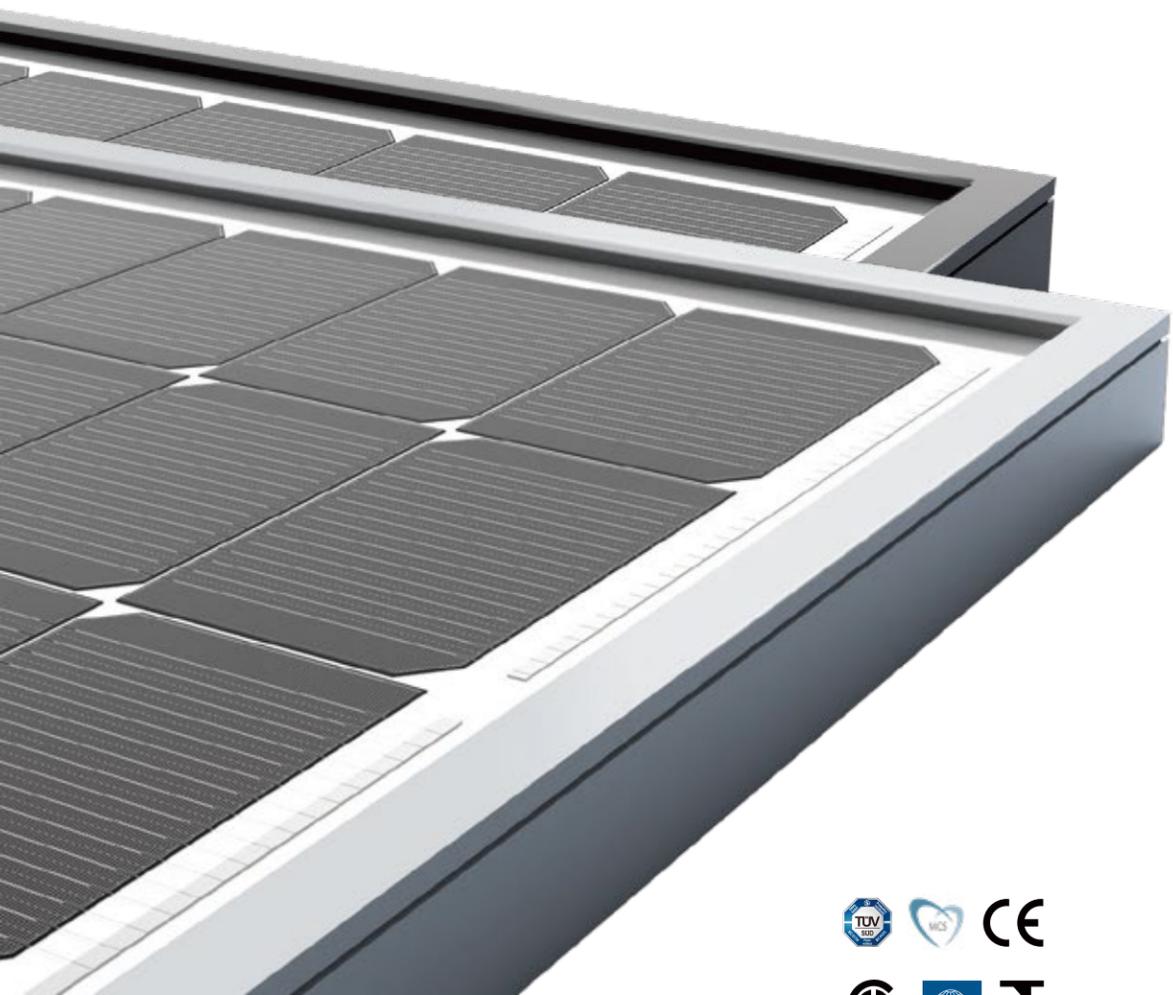
Hi Pro

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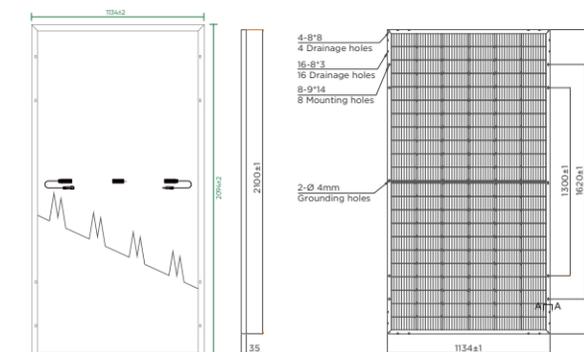
480~505W

- 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

<b>Cell Orientation</b>	132 (2x66)	<b>Operational Temperature</b>	-40°C~+85°C
<b>Junction Box</b>	IP68, three diodes	<b>Power Output Tolerance</b>	0~+5W
<b>Output Cable</b>	4mm <sup>2</sup> , 300mm in length, length can be customized	<b>Voc &amp; Isc Tolerance</b>	±3%
<b>Glass</b>	Single glass 3.2mm coated tempered glass	<b>Max. System Voltage</b>	DC1500V(IEC/UL)
<b>Frame</b>	Anodized aluminum alloy frame	<b>Max. Series Fuse Rating</b>	25A
<b>Weight:</b>	26.3kg±3%	<b>NOCT</b>	45±2°C
<b>Dimension</b>	2094x1134x35mm	<b>Safety Class</b>	II
<b>Packaging</b>	31pcs per pallet 682pcs per 40'ft Container 155pcs per 20'ft Container	<b>Fire Rating</b>	UL type 1 or 2
		<b>Max. Static Load(Front)</b>	5400Pa
		<b>Max. Static Load(Back)</b>	2400Pa



\*Units: mm \*Tolerance: ±2mm

Electrical Characteristics

Model Number	SAS480M-132H		SAS485M-132H		SAS490M-132H		SAS495M-132H		SAS500M-132H		SAS505M-132H	
	STC	NOCT										
Maximum Power (Pmax/W)	480	363	485	367	490	370	495	374	500	378	505	382
Open Circuit Voltage (Voc/V)	45.07	42.15	45.20	42.30	45.33	42.43	45.46	42.58	45.59	42.72	45.72	42.86
Short Circuit Current (Isc/A)	13.65	10.99	13.72	11.06	13.79	11.13	13.86	11.20	13.93	11.27	14.00	11.34
Voltage at Maximum Power (Vmp/V)	37.62	35.54	37.80	35.67	37.99	35.76	38.17	35.84	38.35	35.93	38.53	36.02
Current at Maximum Power (Imp/A)	12.76	10.21	12.83	10.28	12.90	10.36	12.97	10.44	13.04	10.52	13.11	10.60
Module Efficiency(%)	20.21		20.42		20.64		20.85		21.06		21.27	
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 (SAS495M-132H)

