

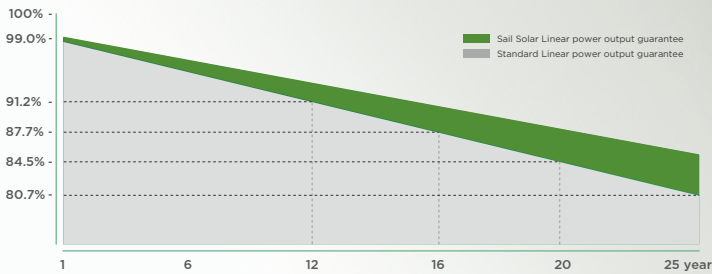
Hi Pro **4**

395~420W

182mm Cells Mono
PERC with MBB& Half-cut
Technology

12 12-year Warranty for Materials and Processing

25 25-year Warranty for Extra Linear Power Output



21.51%
Max Module Eff.

0~+5W
Positive Tolerance

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



Complete System and Product Certifications

*IEC 61215, IEC 61730, UL 61730
*ISO 9001:2008:ISO Quality Management System
*ISO 14001: 2004:ISO Environment Management System
*OHSAS 18001: 2007 Occupational Health and Safety
*Specifications subject to technical changes and tests. Sail Solar reserves the right of interpretation.



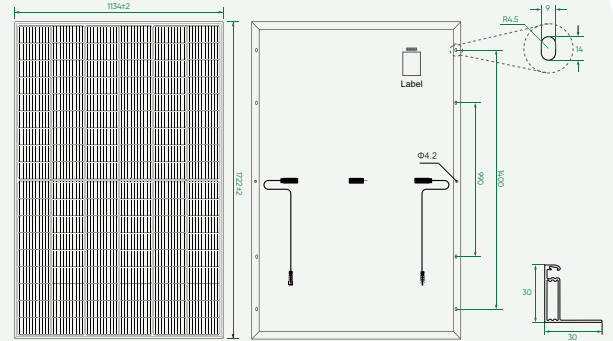
Hi Pro 4

395~420W

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



*Units: mm *Tolerance: ±2mm

Electrical Characteristics

Model Number	SAS395M-108H		SAS400M-108H		SAS405M-108H		SAS410M-108H		SAS415M-108H		SAS420M-108H	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	395	298	400	302	405	306	410	310	415	314	420	318
Open Circuit Voltage (Voc/V)	36.98	34.75	37.07	34.88	37.19	35.12	37.32	35.23	37.45	35.37	37.58	35.50
Short Circuit Current (Isc/A)	13.70	10.96	13.79	11.03	13.87	11.10	13.95	11.16	14.02	11.22	14.10	11.29
Voltage at Maximum Power (Vmp/V)	30.84	29.08	31.02	29.26	31.23	29.47	31.45	29.72	31.64	29.89	31.82	30.09
Current at Maximum Power (Imp/A)	12.81	10.25	12.90	10.32	12.97	10.38	13.04	10.43	13.12	10.50	13.20	10.57
Module Efficiency(%)	20.23		20.48		20.74		21.00		21.25		21.51	
Temperature Coefficient of Isc							+0.045%/°C					
Temperature Coefficient of Voc							-0.250%/°C					
Temperature Coefficient of Pmax							-0.290%/°C					

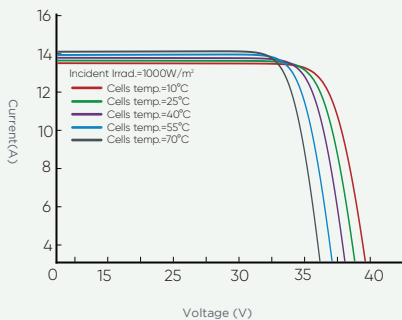
* STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25°C, Spectra at AM1.5

* NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

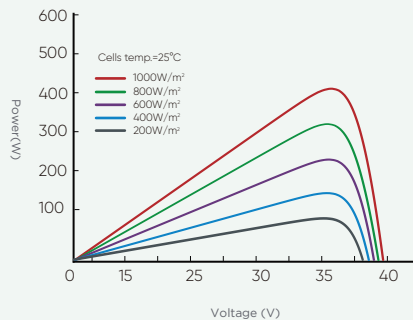
*Test uncertainty for Pmax: ±3%

V-Curve (SAS410M-108H)

Current-Voltage Curve



Power-Voltage Curve



Current-Voltage Curve

