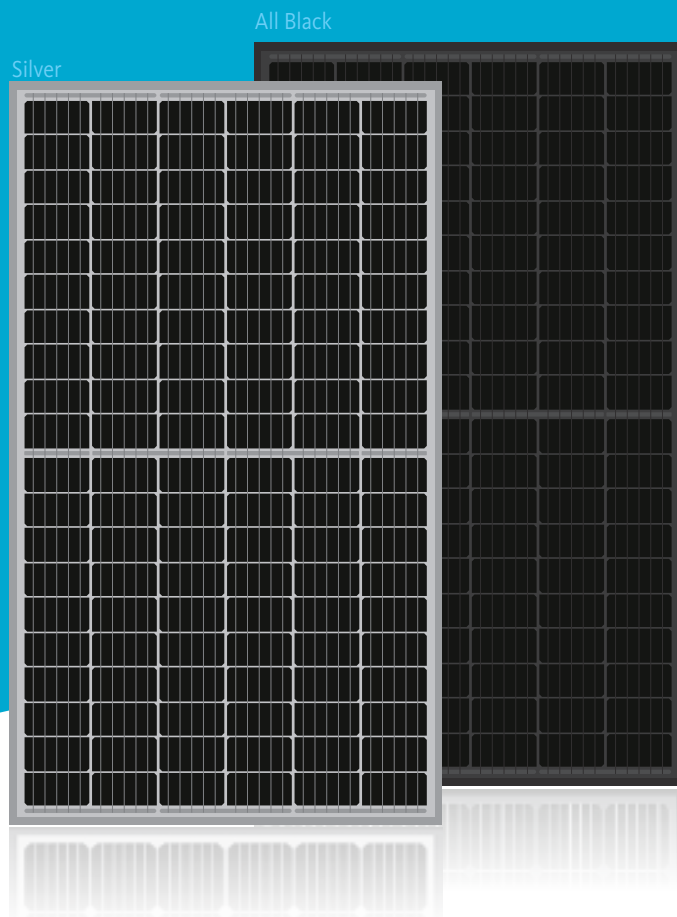


# SC 60-Cell 315 ~ 335W



## HALF-CUT Series

1,000V / 1,500V Monocrystalline PV Module



## QUALIFICATIONS & CERTIFICATIONS

IEC 61215 & 61730, UL 1703, ISO 9001,  
ISO 14001, ISO 45001



## FEATURES



### Enhanced External Load/Impact

Snow Load : 5,400 Pa  
Wind Load : 2,400 Pa  
Hail Impact : 25m/s (speed ball)



### Fire Safety

Safety Class II



### Various Options Available

Black or Silver Frame  
1000V or 1500V System Voltage  
All Black Module



### PID Resistance

Enhanced Potential Induced Degradation  
Resistance

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Homepage



T-H-M-S

## ELECTRICAL CHARACTERISTICS

STC (Irradiance 1,000W/m <sup>2</sup> , module temperature 25°C, AM=1.5)	SC315M-20T/25T	SC320M-20T/25T	SC325M-20T/25T	SC330M-20T/25T	SC335M-20T/25T	SC340M-20T/25T
Rated Power (Pmax)	315W	320W	325W	330W	335W	340W
Voltage at Pmax (Vmp)	33.2V	33.5V	33.8V	34.2V	34.6V	35.0V
Current at Pmax (Imp)	9.49A	9.56A	9.62A	9.66A	9.69A	9.72A
Warranted Minimum Pmax	315W	320W	325W	330W	335W	340W
Short-Circuit Current (Isc)	10.09A	10.16A	10.22A	10.26A	10.29A	10.32A
Open-Circuit Voltage (Voc)	39.9V	40.1V	40.3V	40.5V	40.7V	40.9V
Module Efficiency *	18.6%	18.9%	19.2%	19.5%	19.8%	20.1%
Operating Module Temperature	-40°C to + 85°C					
Maximum System Voltage	1,000V/ 1500V					
Maximum Series Fuse Rating	20A					
Power Tolerance	0 ~ +3%					

## MECHANICAL CHARACTERISTICS

<b>Solar Cells</b>	Monocrystalline 158.75 x 158.75mm
<b>Number of Cells</b>	120 Cells (6x20 Matrix)
<b>Dimensions</b>	1,684 x 1002 x 35mm
<b>Weight</b>	20.7kg
<b>Front Glass</b>	High-Transmittance Low Iron Tempered Glass
<b>Frame</b>	Anodized Aluminum Frame (Silver / Black)
<b>Output Cables</b>	PV Wire (PV1-F), 12AWG (4mm <sup>2</sup> ), Cable Length : 300mm
<b>Connectors</b>	MC4 Connectable

## TEMPERATURE CHARACTERISTICS

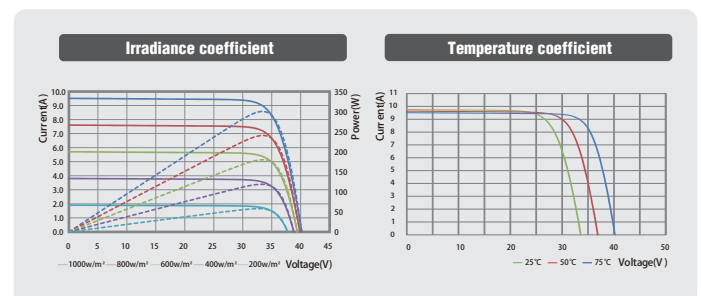
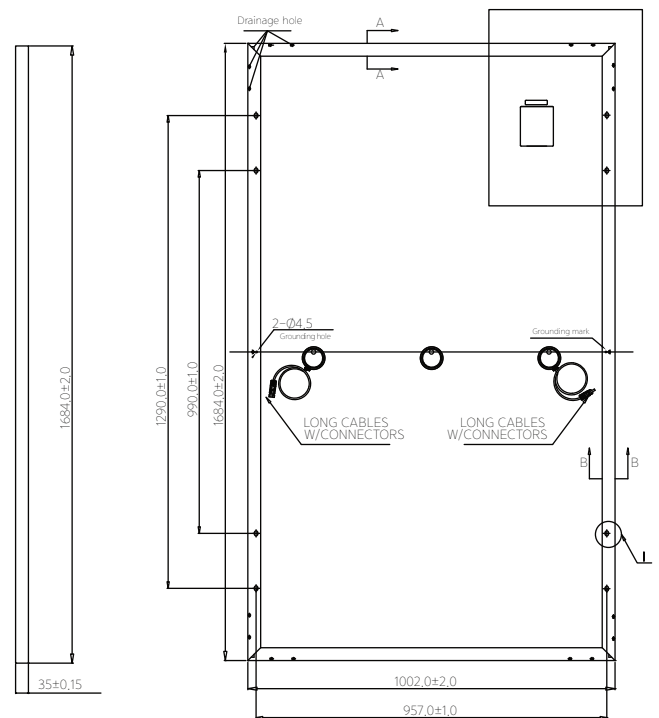
Temperature coefficient of Isc	0.05 % / °C
Temperature coefficient of Voc	-0.30 % / °C
Temperature coefficient of power	-0.39 % / °C
NMOT(Tair 20°C ; Irradiance 800W/m <sup>2</sup> ; Wind 1m/s)	43±2 °C

## WARRANTY

<b>Product Warranty</b>	10-year Limited Product Warranty
<b>Performance Warranty</b>	Minimum Power Output for Year 1 : 97%
	Maximum Power Decline from Year 2 to 24 : 0.71%
	Power Output in Year 25 : 80%

## PACKING CONFIGURATION

<b>Container</b>	40' H/C
<b>Modules Per Pallet</b>	30pcs
<b>Pallets Per Container</b>	26pallets
<b>Modules Per Container</b>	780pcs



## REMARKS

- Pmax measurement tolerance : ±2.5%
- S-Energy uses triple A class simulator.
- Specification subject to change without prior notice.
- S-Energy reserves the rights of final interpretation.