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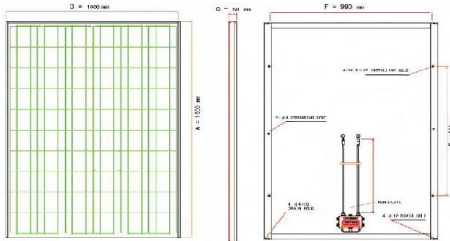
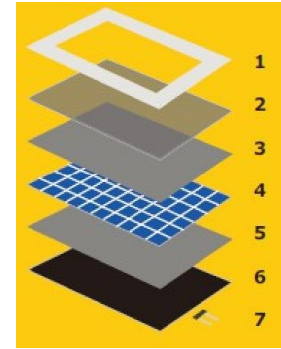
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Model	SIT-300W,SIT-300W
Product name:	Monocrystalline and polycrystalline silicon solar module



Construction drawing

- 1: Anodized Alu Frame
- 2: Tempered Glass



- 3: EVA
- 4: Solar cell
- 5: EVA
- 6: Backsheet
- 7: J-box



Electrical Characteristics

Model	SIT-300W	SIT-300W
CELLS	Germany bosch cells (A grade)	Hareon solar cells (A grade)
Module size (mm):	992x1765x40	992X1950X40
Cells size (mm):	156x141.18	156X156
Cells per module:	6X12	6X12
Power tolerance:	+/-3%	+/-3%
Nominal peak power(WP):	300	300
Nominal voltage(V):	35.6	35.5
Nominal current (A):	8.43	8.45
NOCT:	45+/-2°C	45+/-2°C
Voltage temperature coefficient:	-0.33%/°C	-0.33%/°C
Current temperature coefficient:	+0.05%/°C	+0.05%/°C
Power temperature coefficient:	-0.47%/°C	-0.47%/°C
Open circuit voltage (Voc):	44.6	43.9
Short circuit current(Isc):	9.1	9.13
Conversion efficiency:	19.00%	17.10%
Operating temperature:	-40 to +85°C	-40 to +85°C
Max system voltage:	1000V DC	1000V DC