

ELECTRICAL DATA AT STC*

Power Output (Pmax)	50 W
Power tolerance	0-5 %
Module Efficiency	17.40 %
Maximum Power Voltage (Vmp)	19.16 V
Maximum Power Current (Imp)	2.63 A
Open Circuit Voltage (Voc)	22.49 V
Short Circuit Current (Isc)	2.85 A

*Standard Test Conditions; Irradiance: 1000W/m², Cell temperature: 25°C, AM:1.5

MECHANICAL CHARACTERISTICS

Cell Type	Polycrystalline
Number of Cells	36
Dimensions	798*360*25mm
Weight	3.3kg
Glass	3.2mm tempered glass
Frame	Anodized aluminum alloy
Junction Box	IP65
Cable	without
Connector	without
Connector	without

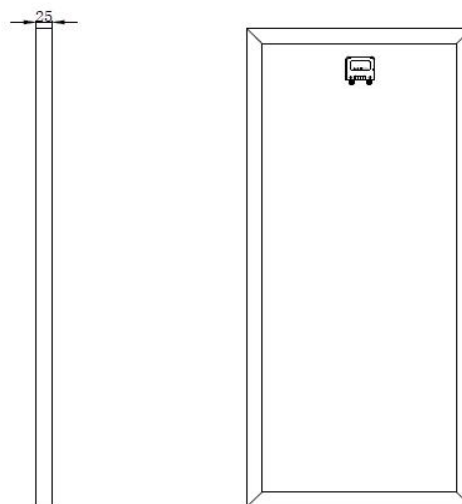
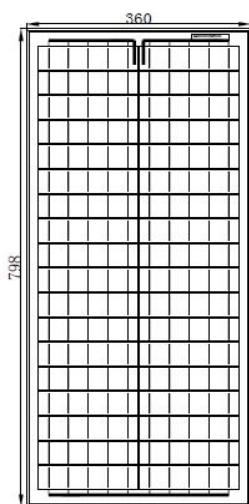
TEMPERATURE CHARACTERISTICS

NOCT	45°C±2°C
Temperature coefficient of Pmax	-0.41%/K
Temperature coefficient of Voc	-0.31%/K
Temperature coefficient of Isc	+0.06%/K

MAXIMUM RATINGS

Operating temperature range	-45°C~+85°C
Maximum system voltage	1000 V
Max series fuse rating	10 A
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

SA50-36P



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