



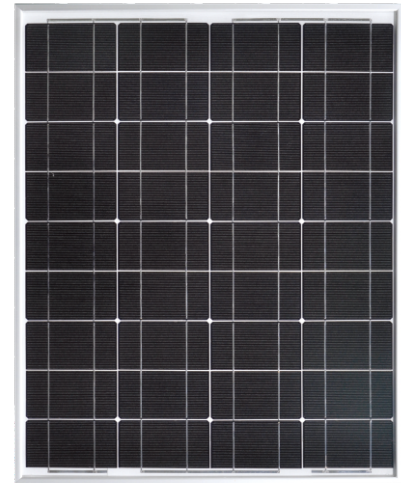
TEMPERATURE CHARACTERISTICS

NOCT	45 +/-2°C
Voltage temperature coefficient(Voc)	-0.36%/°C
Current temperature coefficient(Isc)	+0.033%/°C
Power temperature coefficient(Pmpp)	-0.44%/°C
Minimum power tolerance	+/- 5%

NOCT:Nominal Operating cell Temperature

MECHANICAL CHARACTERISTICS

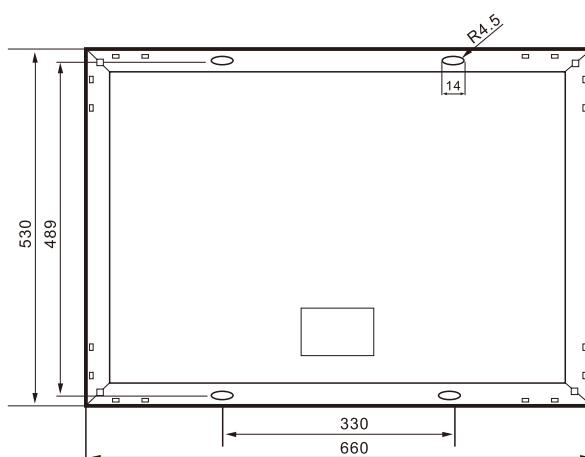
Solar Cell	36(4×9) Mono-crystalline 156×52mm
Front Glass	3.2mm tempered
Frame	Anodized aluminium



ELECTRICAL CHARACTERISTICS

Module type	SL050-12M
Nominal peak power(Wp)	50W
Nominal voltage(Vmp)	17.5V
Nominal current(Imp)	2.86A
Open-circuit voltage(Voc)	22.0V
Short-circuit current(Isc)	3.17A
Module efficiency	14.3%
Operating temperature	-40°C to +85°C
Maximum system voltage	1000V DC
Weight	4.2kg
Dimension	660×530×35mm

STC:1000W/m²,25°C



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