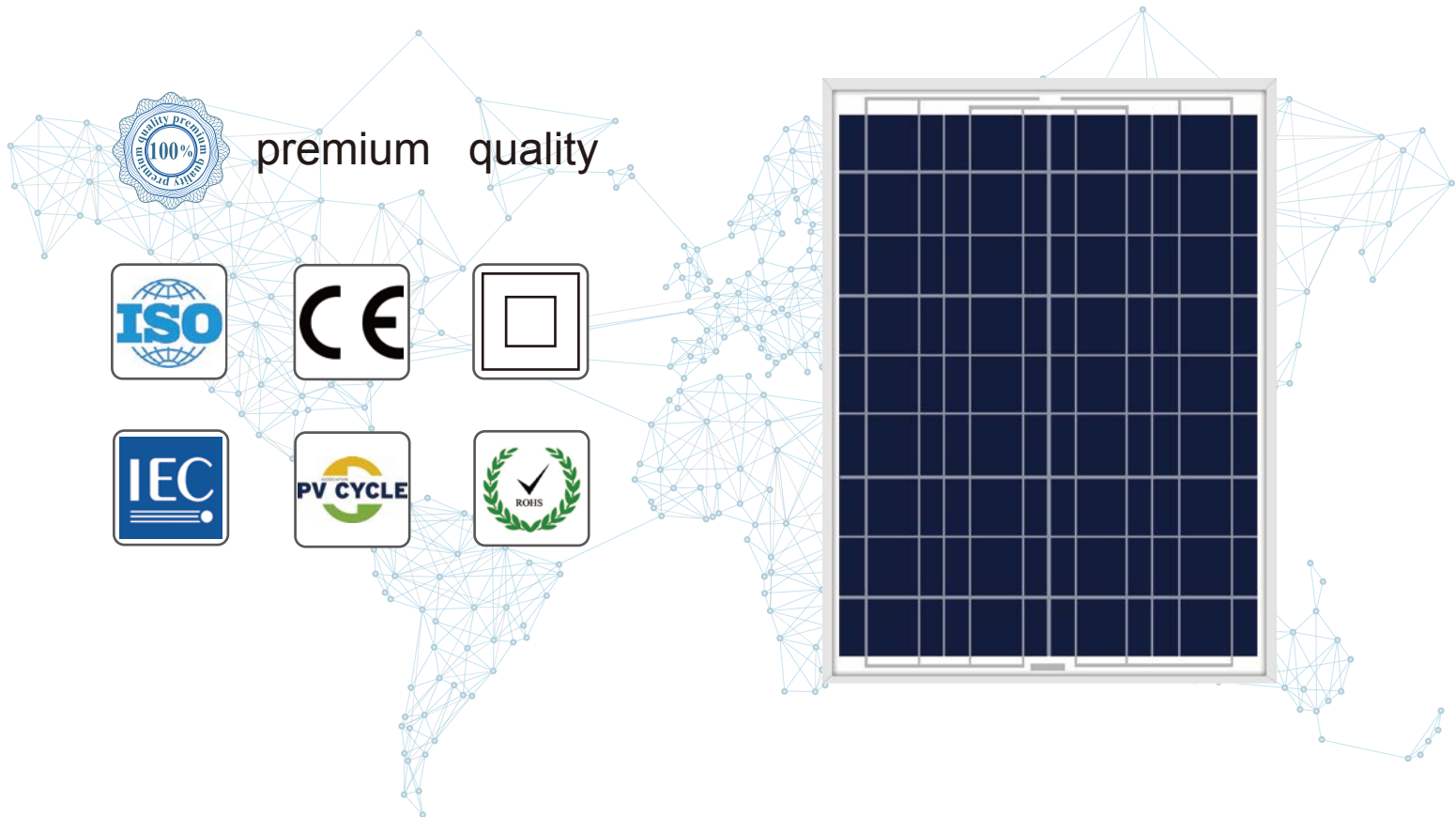
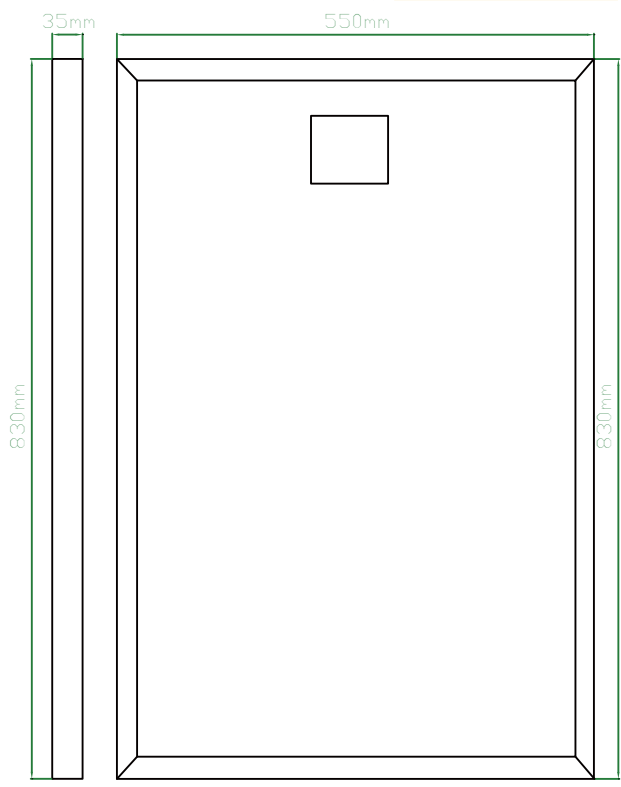


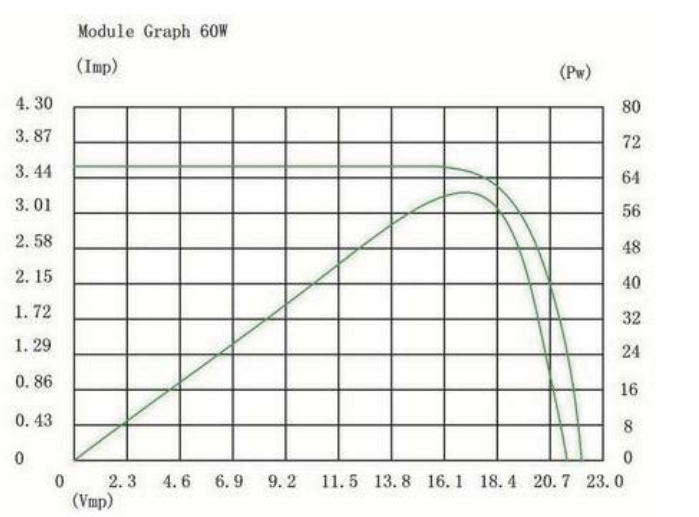
HYA060-12M 60w



Size



I-V Characteristics Curve



Application Scope

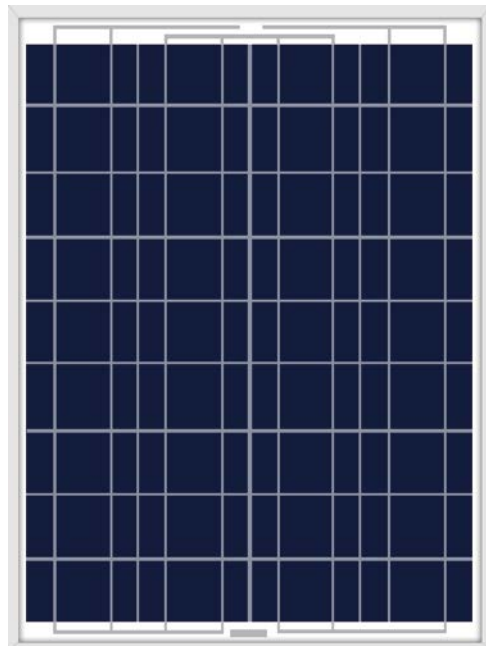
- Courtyard lighting.
- Small household lighting system.
- Street lighting.
- Portable solar power.
- All small power electrical devices & small PV system.

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HYA060-12M **60w**

Mechanical Characteristics

Type of cell	24PCS/Monocrystalline/125mm
Cells Number	24pcs
Dimensions	830x550x35mm
Weight	5.5Kg
Front Glass	Low-Iron Tempered Glass
Frame	Aluminium Alloy
Encapsulation	Glass/EVA/Cells/EVA/TPT
Relative Humidity	0 to 100%
Resistance	227g steel ball fall down from 1m height and 60m/s wind
Snow load parameters	2400Pa



Temperature Coefficients

Nominal Operating Cell Temperature(NOCT)	45 C ± 5 C
Temperature Coefficient of Pmax	-(0.410 ± 0.05)%/K
Temperature Coefficient of Voc	-(0.320 ± 0.01)%/K
Temperature Coefficient of Isc	-(0.050 ± 0.05)%/K
Maximum Series Fuse/current rating	10A

Electrical Characteristics

Characteristics	60W
Open-Circuit Voltage(Voc)	22V
Optimum Circuit Voltage(Vmp)	18V
Short-Circuit Current(Isc)	3.59A
Optimum Circuit Current(Imp)	3.34A
Maximum Power at STC(Pmax)	60W
Module Efficiency	17.8%
Operating Temperature	-40 C to +85 C
Maximum System Voltage	1000V DC
Power tolerance	± 3%

STC: Irradiance 1000W/ m², Module temperature 25 C, AM=1.5

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