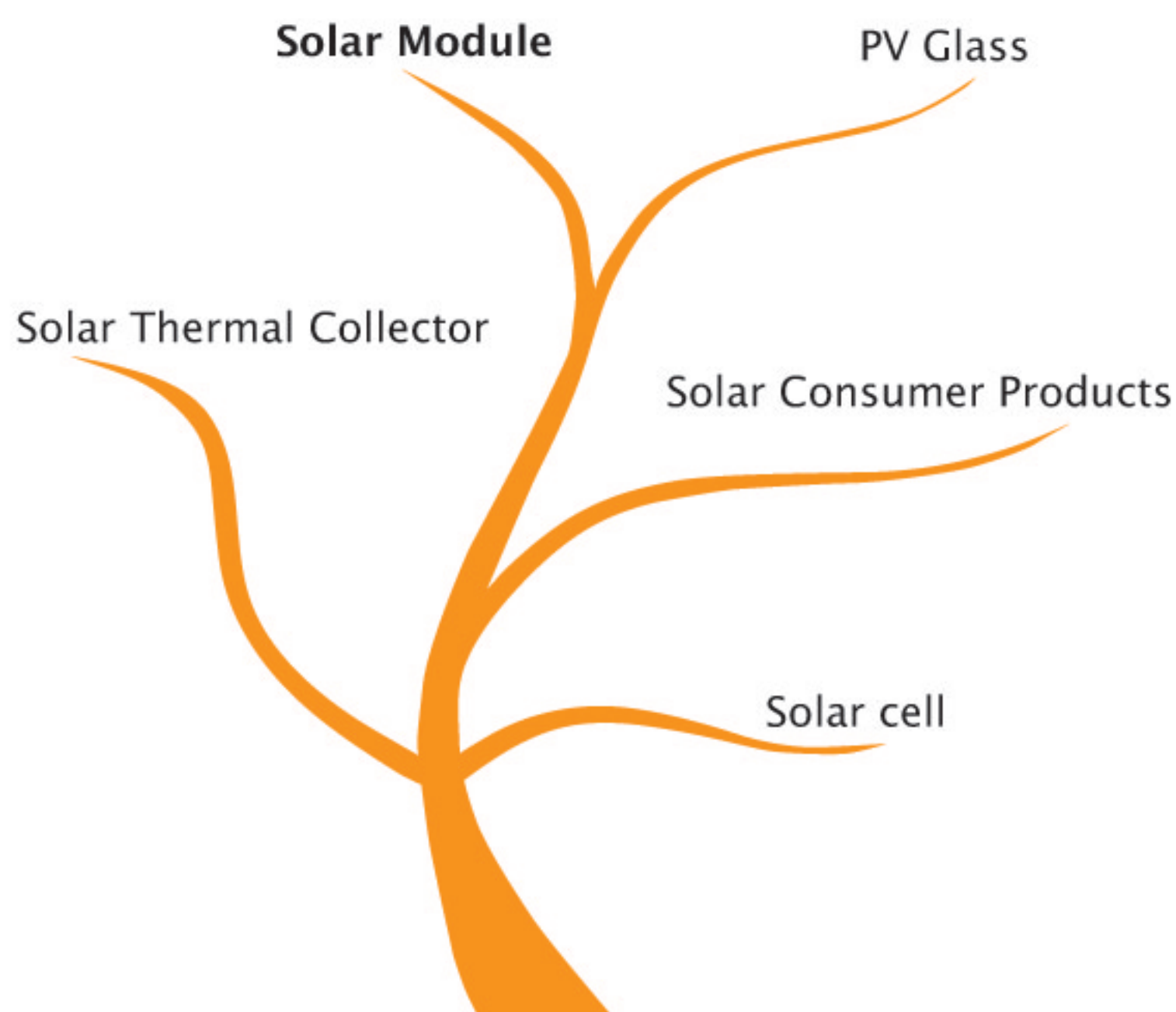




Not Your Average Solar Provider

## Our Products Categories



\* Please refer to Topray Safety and Installation Manual for details.  
 \*\*Please refer to Topray Limited Product Warranty for details.

## Recommended For



Residential Roof



Outdoor Applications

## TPS107S 10W/30W/40W/50W Poly Crystalline Photovoltaic Module

### Key Feature



Plus power tolerance: 0~+5%.



Independent research anti-reflective and self-cleaning glass surface reduces power loss from dirt and dust.



Excellent performance under low light environments, create better kWh/kW ratio and produce average 2-3% more electricity.



A solar device that turns sunlight into DC electricity.



Crystalline technology, high efficient.

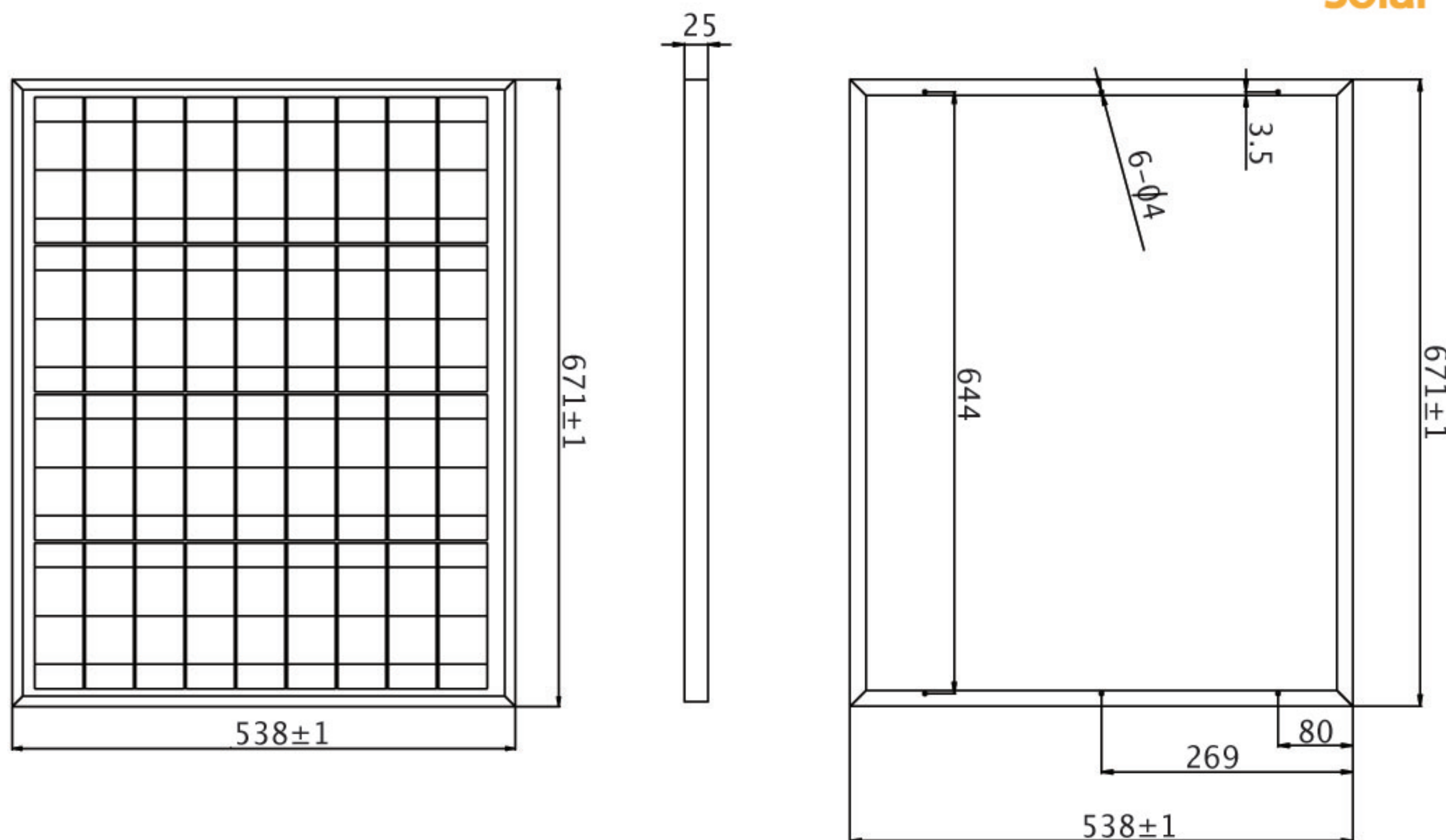
- Good for applications that has size limit.

- Can be used to charge a battery, usually used as a key component to any solar product or solar power supply system.

### Best Quality

- Junction box and bypass diodes guarantee the modules free of overheating and "hot spot effect".
- Industry standard inverters and mounting systems guarantee minimal maintenance.
- 100%EL double-inspection ensures modules are defects free.
- Modules binned current to improve system performance.
- Potential Induced Degradation (PID) free.
- Anodized aluminum alloy frame.
- Solar cell embedded in EVA (ethylene vinyl acetate).
- Tedlar foil backing.





## PERFORMANCE AT STANDARD TEST CONDITION (STC:1000W/m<sup>2</sup>,25°C,AM1.5)

Module Series	TPS107S — Topray Universal			
Maximum Power at STC(Pmax)	10W	30W	40W	50W
Short Circuit Current(Isc)	0.66A	2.03A	2.5A	3.15A
Open Circuit Voltage(Voc)	21V	21V	21.5V	20.8V
Maximum Power Current(Imp)	0.57A	1.7A	2.33A	2.94A
Maximum Power Voltage(Vmpp)	17.4V	17.6V	17.2V	17.0V
Power Tolerance	±5%	±5%	±5%	±5%

## ABSOLUTE MAXIMUM LIMITS

Parameters	Unit	Rating
Operation temperature	°C	-40 to + 85
Storage temperature	°C	-40 to + 85
Dielectric Voltage with stand	VDC	1800max

## TEMPERATURE COEFFICIENTS

Current temperature coefficient	α(Isc)	+0.10%/°C
Voltage temperature coefficient	β(Voc)	+0.38%/°C
Power temperature coefficient	γ(Wp)	-0.47%/°C

### DEALER INFORMATION BOX

### QUALIFICATIONS AND CERTIFICATES

