

### 360W-375W

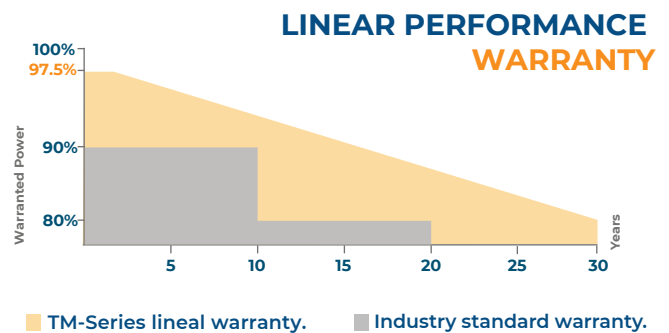
POWER OUTPUT RANGE

### 20,59%

MAXIMUM EFFICIENCY

### 0 to +3%

POSITIVE TOLERANCE



12 YEARS PRODUCT.  
30 YEARS POWER.

## TM Series ©

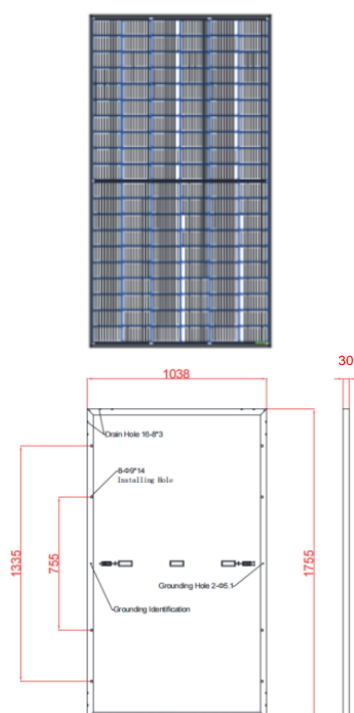
TAMESOL® redefines the high efficiency module range by combining 166mm cells with PERC and half technology. The combination of innovative technology has effectively improved module and power output.

## Main characteristics

- ★ Mismatch loss reduction for maximum efficiency.
- ★ Reduced power loss by minimising the effect of shadow shading.
- ★ TWO EL test to ensure the best quality.
- ★ Proven reliability through PVEL's rigorous weatherproofing tests.
  - Dust, acid and alkali resistance, hail test.
  - 2400pa wind pressure and 5400pa snow pressure.
  - Anti PID.

*Since 2007 building a green future.*

## DIMENSIONS OF PV



## Electrical characteristics

Component model	TM-360M-120HC	TM-365M-120HC	TM-370M-120HC	TM-375M-120HC
	STC	STC	STC	STC
Maximum power (PMP)	360	365	370	375
Open circuit voltage (VOC)	41.2	41.4	41.6	41.8
Short circuit current (ISC)	11.16	11.26	11.34	34.8
Maximum power voltage (VMP)	34.2	34.4	34.6	34.8
Maximum power current (IMP)	10.53	10.62	10.70	10.78
Component efficiency (%)	19.76	20.04	20.31	20.59
Power tolerance	(0, +3%)			
Maximum system voltage	1500V DC			
Maximum rated fuse current	20 A			

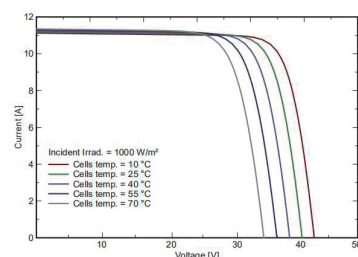
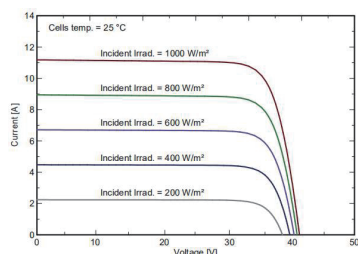
## Temperature characteristics

Maximum power temperature coefficient	-0.35 %/°C
Temperature coefficient of open circuit voltage	-0.27 %/°C
Temperature coefficient of short circuit current	+0.05 %/°C
Working temperature	-40 ~ +85 °C
Rated operating cell temperature (NOCT)	45 ± 2 °C

## Structural characteristics

Module size	1755x1038x30mm
Weight	18.5kg
Battery	Single crystal PERC 166x83mm (120pieces)
Glass	3.2mm tempered coated glass, lowiron
Frame	Anodized aluminum alloy
Junction box	IP68, 3 diodes
Output lead	4.0mm 2250mm(+) / 350mm (-) or customized
Mechanical load	Front 5400pa / back 2400pa

## CURVE I-V



## Packing Method

	1755x1038x30mm	
Container	20'G P	40'HQ
Quantity per TUO	36+28*	36+5*
Number of TUOs per container	6	26
Quantity per container	384	1001

Authorized Partner



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**TAMESOL**