



360W-375W

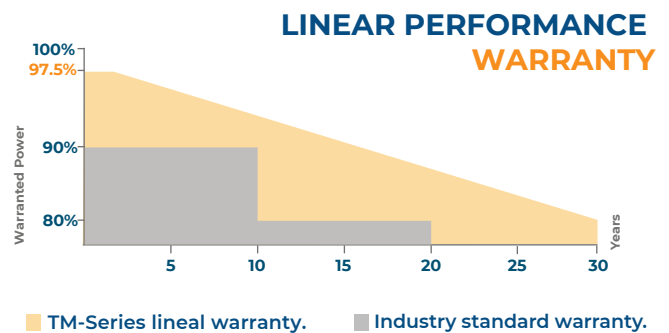
POWER OUTPUT RANGE

20,59%

MAXIMUM EFFICIENCY

0 to +3%

POSITIVE TOLERANCE



12 YEARS PRODUCT.
30 YEARS POWER.

TM Series ©

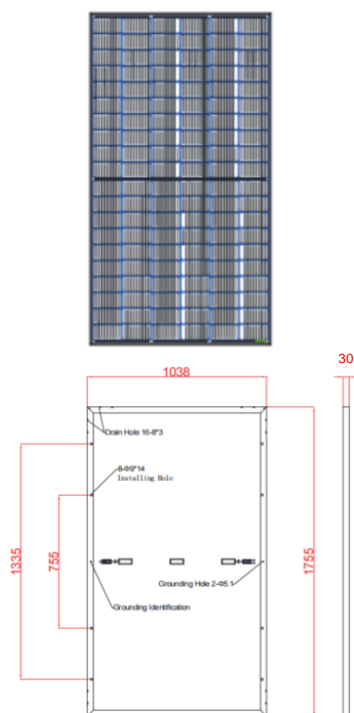
TAMESOL® redefines the high efficiency module range by combining 166mm cells with PERC and half technology. The combination of innovative technology has effectively improved module and power output.

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 | 11.48 |
| 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 | | | |

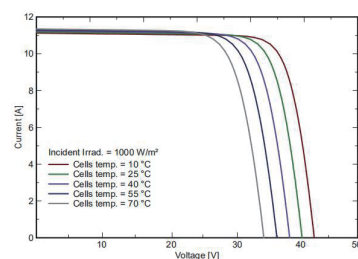
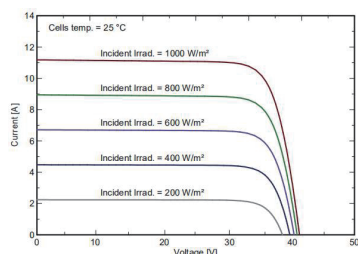
Temperature characteristics

| | |
|--|--------------|
| 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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