

ET-M754BHTW/TB
395W-415W

PERC BIFACIAL MODULE



High Power Generation
Bifacial technology enables additional energy harvesting from rear side (up to 25%)



High Efficiency
Higher module conversion efficiency benefit from half-cut cell structure (low resistance characteristic, less mismatch loss).



Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



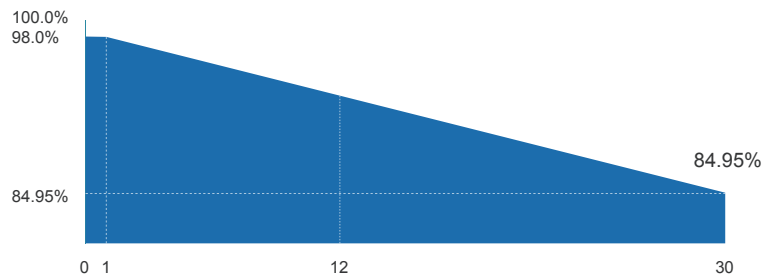
PID Resistance
Excellent Anti-PID performance guarantee limited power degradation for mass production.



Durability Against Extreme Environmental Conditions
High salt mist and ammonia resistance.

WARRANTY

Elite Solar Mono Module Linear Performance Warranty



1st year $\leq 2\%$, 2nd~30th years $\leq 0.45\%$ / year



Guarantee on product material and workmanship



Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730



ELECTRICAL SPECIFICATIONS

| Module Type | ET-M754BH395TW/TB | | ET-M754BH400TW/TB | | ET-M754BH405TW/TB | | ET-M754BH410TW/TB | | ET-M754BH415TW/TB | |
|--|-------------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power -P _{mp} (W) | 395 | 298 | 400 | 302 | 405 | 306 | 410 | 310 | 415 | 314 |
| Open Circuit Voltage -V _{oc} (V) | 36.98 | 34.75 | 37.07 | 34.88 | 37.23 | 35.02 | 37.32 | 35.23 | 37.45 | 35.37 |
| Short Circuit Current -I _{sc} (A) | 13.70 | 10.96 | 13.79 | 11.03 | 13.87 | 11.10 | 13.95 | 11.16 | 14.02 | 11.22 |
| Maximum Power Voltage -V _{mp} (V) | 30.84 | 29.08 | 31.01 | 29.26 | 31.21 | 29.47 | 31.45 | 29.72 | 31.61 | 29.89 |
| Maximum Power Current -I _{mp} (A) | 12.81 | 10.25 | 12.90 | 10.32 | 12.98 | 10.38 | 13.04 | 10.43 | 13.13 | 10.50 |
| Module Efficiency STC-η _m (%) | 20.2% | | 20.5% | | 20.7% | | 21.0% | | 21.3% | |
| Power Tolerance (W) | 0+3% | | | | | | | | | |
| Pmax Temperature Coefficient | -0.339%/°C | | | | | | | | | |
| Voc Temperature Coefficient | -0.251%/°C | | | | | | | | | |
| Isc Temperature Coefficient | +0.046%/°C | | | | | | | | | |
| Fire Performance | Class C(IEC)/Type 1(UL) | | | | | | | | | |

REAR SIDE POWER GAIN (ET-M754BH405TW)

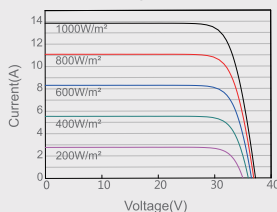
| Power Gain | 10% | 15% | 20% | 25% |
|--|-------|-------|-------|-------|
| Maximum Power -P _{mp} (W) | 495 | 518 | 540 | 563 |
| Open Circuit Voltage -V _{oc} (V) | 37.23 | 37.23 | 37.23 | 37.23 |
| Short Circuit Current -I _{sc} (A) | 16.76 | 17.54 | 18.29 | 19.05 |
| Maximum Power Voltage -V _{mp} (V) | 31.21 | 31.21 | 31.21 | 31.21 |
| Maximum Power Current -I _{mp} (A) | 15.86 | 16.58 | 17.30 | 18.02 |

MECHANICAL SPECIFICATIONS

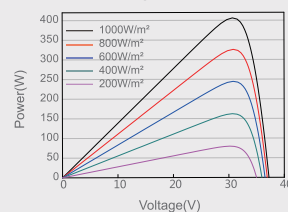
| | |
|---------------------------------------|---|
| External Dimension | 1722 x 1134 x 30mm |
| Weight | 21.5kg |
| Solar Cells | PERC Mono crystalline 182 x 91mm (108pcs) |
| Front Glass | 3.2mm AR coating tempered glass |
| Frame | Anodized aluminium alloy |
| Junction Box | IP68, 3 diodes |
| Cable Length (Including Connector) | 4.0 mm ² (12AWG), Portrait:200mm(+)/400mm(-);Or customized |
| Connector | MC4 Compatible |
| Power Bifaciality* | 70%±10% |

CURVE

Current-Voltage Curve (405W)



Power-Voltage Curve (405W)



APPLICATION CONDITIONS

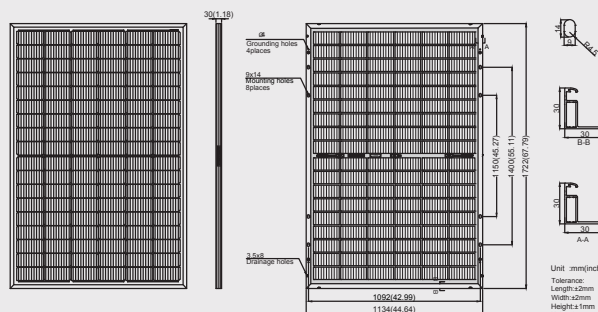
| | |
|------------------------------------|---------------|
| Maximum System Voltage | 1500VDC |
| Maximum Series Fuse Rating | 30A |
| Operating Temperature | -40~+85 °C |
| Nominal Operating Cell Temperature | 45±2 °C |
| Mechanical Load | 5400Pa/2400Pa |

PACKING MANNER

| | |
|------------------------|----------------|
| Container | 40'HQ |
| Pieces per Pallet | 36 |
| Size of packing (mm) | 1760*1130*1264 |
| Weight of packing (kg) | 813 |
| Pieces per Container | 936/838(NA) |

PHYSICAL CHARACTERISTICS

Unit:mm



* The above drawing is a graphical representation of the product.
For engineering quality drawings please contact Elite Solar.

Note: The specifications are obtained under the Standard Test Conditions (STCs): 1000 W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800 W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum. Please contact info@elite-solar.com for technical support. The actual transactions will be subject to the contracts. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.