

ET-M760BHBB
435W-455W

PERC MODULE



THE-STATE-OF-THE-ART APPAERANCE

Full black designed for a better aesthetic appearance and building integration.



High Efficiency

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



PID Resistance

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



Severe Weather Resilience

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

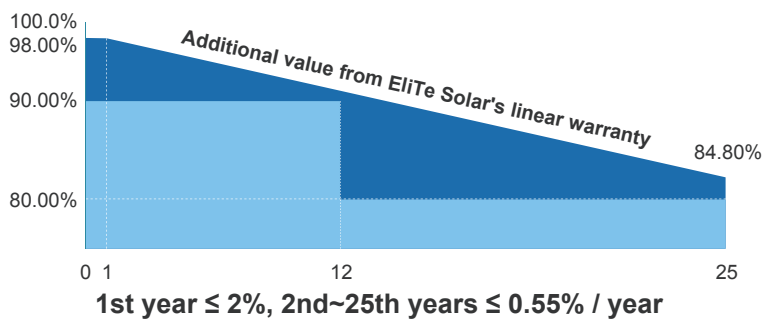


Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

WARRANTY

- Standard Module Performance Warranty
- EliTe Solar Mono Module Linear Performance Warranty



Guarantee on product material and workmanship



Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730



ELECTRICAL SPECIFICATIONS

Module Type	ET-M760BH435BB	ET-M760BH440BB	ET-M760BH445BB	ET-M760BH450BB	ET-M760BH455BB
Maximum Power -P _{mp} (W)	435	440	445	450	455
Open Circuit Voltage -V _{oc} (V)	41.00	41.10	41.21	41.33	41.44
Short Circuit Current -I _{sc} (A)	13.60	13.69	13.77	13.85	13.94
Maximum Power Voltage -V _{mp} (V)	34.10	34.30	34.50	34.70	34.85
Maximum Power Current -I _{mp} (A)	12.76	12.83	12.90	12.97	13.06
Module Efficiency STC-η _m (%)	20.1%	20.3%	20.6%	20.8%	21.0%
Power Tolerance (W)	0-+3%				
Pmax Temperature Coefficient	-0.340%/°C				
Voc Temperature Coefficient	-0.263%/°C				
Isc Temperature Coefficient	+0.054%/°C				
Fire Performance	Class C(IEC)/Type 1(UL)				

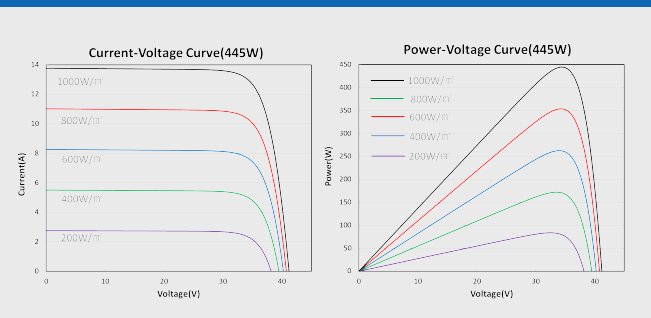
ELECTRICAL SPECIFICATIONS(NOCT)

Module Type	ET-M760BH435BB	ET-M760BH440BB	ET-M760BH445BB	ET-M760BH450BB	ET-M760BH455BB
Maximum Power -P _{mp} (W)	326	330	334	338	342
Open Circuit Voltage -V _{oc} (V)	38.34	38.44	38.54	38.64	38.74
Short Circuit Current -I _{sc} (A)	11.22	11.29	11.36	11.43	11.50
Maximum Power Voltage -V _{mp} (V)	30.64	30.84	31.04	31.24	31.44
Maximum Power Current -I _{mp} (A)	10.64	10.70	10.76	10.82	10.88

MECHANICAL SPECIFICATIONS

External Dimension	1908 x 1134 x 33mm
Weight	24kg
Solar Cells	PERC Mono crystalline 182 x 91 mm (120pcs)
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

CURVE



APPLICATION CONDITIONS

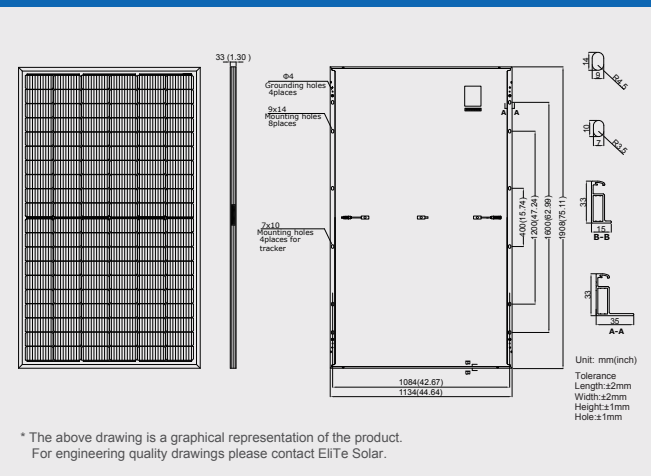
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40'HQ
Pieces per Pallet	33
Size of packing (mm)	1944*1130*1264
Weight of packing (kg)	832
Pieces per Container	792/753(NA)

PHYSICAL CHARACTERISTICS

Unit:mm



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.