EliTe Solar

M/ET-PD-EN2023V4
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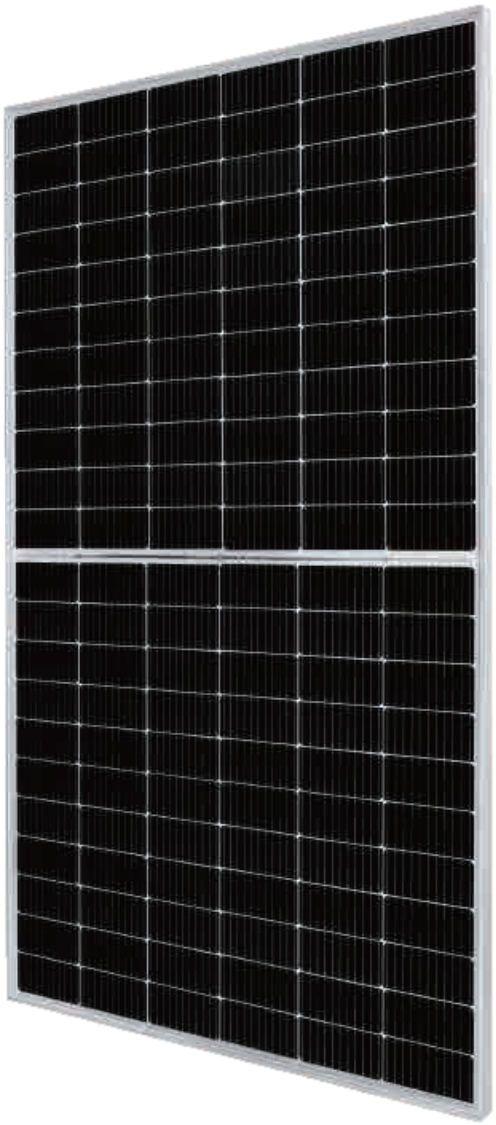


ET-M760BHGL
440W-460W

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).

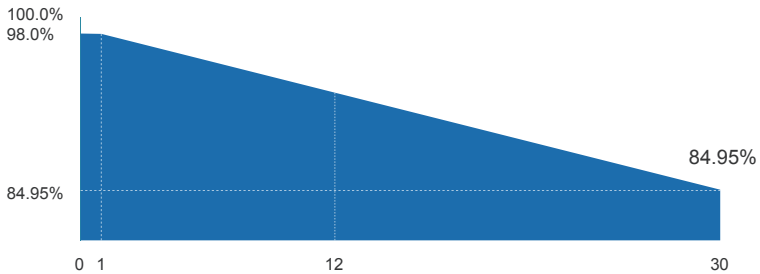
Severe Weather Resilience
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

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

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

WARRANTY

EliTe Solar Mono Module
Linear Performance Warranty



1st year ≤ 2%, 2nd~30th years ≤ 0.45% / year

12 YEARS — Guarantee on product material and workmanship

30 YEARS — Linear power output warranty

IEC61215
IEC61730
UL61215
UL61730

ETECTRICAL SPECIFICATIONS

Module Type	ET-M760BH440GL		ET-M760BH445GL		ET-M760BH450GL		ET-M760BH455GL		ET-M760BH460GL	
STC/NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power -P_{mp} (W)	440	330	445	334	450	338	455	342	460	346
Open Circuit Voltage -V_{oc} (V)	41.10	38.44	41.21	38.54	41.33	38.64	41.44	38.74	41.56	38.84
Short Circuit Current -I_{sc} (A)	13.69	11.29	13.77	11.36	13.85	11.43	13.94	11.50	14.03	11.56
Maximum Power Voltage -V_{mp} (V)	34.30	30.84	34.50	31.04	34.70	31.24	34.85	31.44	35.07	31.63
Maximum Power Current -I_{mp} (A)	12.83	10.70	12.90	10.76	12.97	10.82	13.06	10.88	13.12	10.94
Module Efficiency STC-η_m (%)	20.3%		20.6%		20.8%		21.0%		21.3%	
Power Tolerance (W)	0-+3%									
Pmax Temperature Coefficient	-0.360%/°C									
Voc Temperature Coefficient	-0.292%/°C									
Isc Temperature Coefficient	+0.044%/°C									
Fire Performance	Type 29(UL)									

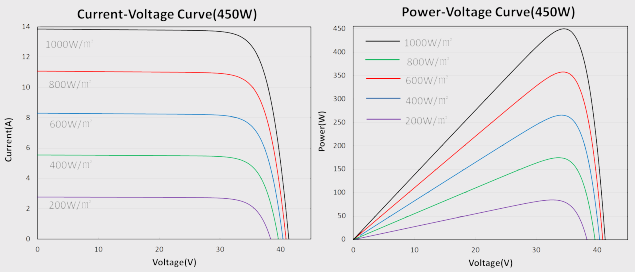
REAR SIDE POWER GAIN (ET-M760BH450GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P_{mp} (W)	495	518	540	563
Open Circuit Voltage -V_{oc} (V)	41.33	41.33	41.33	41.33
Short Circuit Current -I_{sc} (A)	15.06	15.76	16.44	17.12
Maximum Power Voltage -V_{mp} (V)	34.70	34.70	34.70	34.70
Maximum Power Current -I_{mp} (A)	14.27	14.91	15.56	16.21

MECHANICAL SPECIFICATIONS

External Dimension	1908 x 1134 x 35mm
Weight	27kg
Solar Cells	PERC Mono crystalline 182 x 91 mm (120pcs)
Front Glass/Black Glass	2.0mm/2.0mm
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length (Including Connector)	4.0 mm²(12AWG), Portrait:200mm(+)/400mm(-);Or customized
Connector	MC4 Compatible
Power Bifaciality*	70%±10%

CURVE



APPLICATION CONDITIONS

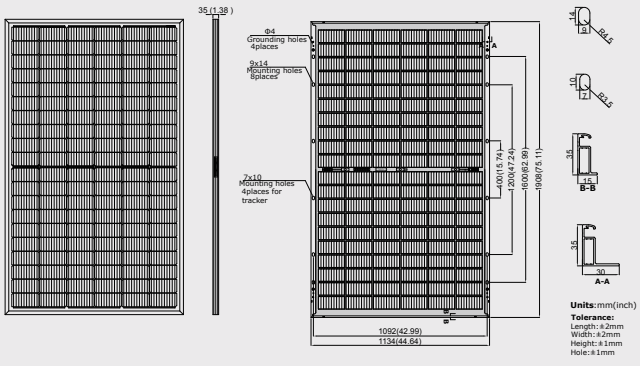
Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	30A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Mechanical Load	5400Pa/2400Pa

PACKING MANNER

Container	40'HQ
Pieces per Pallet	31
Size of packing (mm)	1944*1130*1264
Weight of packing (kg)	832
Pieces per Container	744/684(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.