

182P-Type

21.51%

Maximum Efficiency

420W

Maximum Power Output

ET-M754BHXXXGL

XXX:Power Output Range 400-420W



Increased Efficiency

Increased module conversion efficiency from half cut cell structure (low resistance characteristic, decreased mismatch loss).



Increased Power Generation

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



PID Resistance

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



Severe Weather Resilience

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



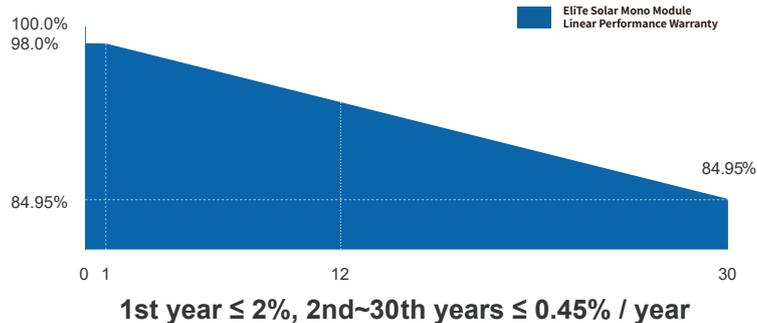
Durability Against Extreme Environmental Conditions

Exceptional durability against salt mist and ammonia exposure.



IEC61215
IEC61730
UL61215
UL61730

WARRANTY



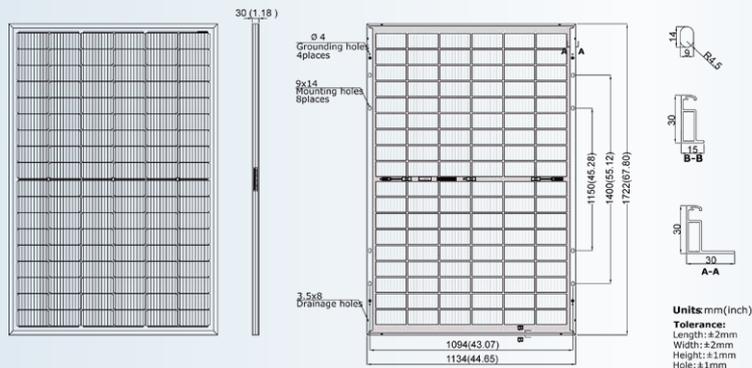
Linear power output warranty



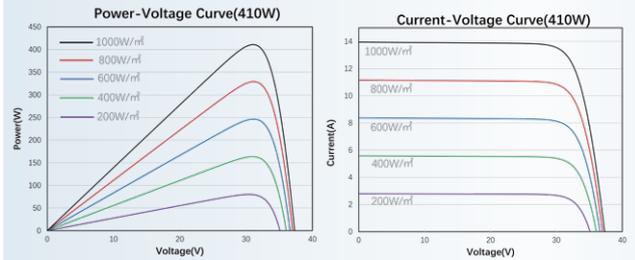
Guarantee on product material and workmanship

PHYSICAL CHARACTERISTICS

Unit:mm/inch



CURVE



ELECTRICAL SPECIFICATIONS

STC : AM1.5 1000W/m² 25°C, NOCT : AM1.5 800W/m² 20°C 1m/s.

Module Type	ET-M754BH400GL		ET-M754BH405GL		ET-M754BH410GL		ET-M754BH415GL		ET-M754BH420GL	
	STC	NOCT								
Maximum Power -P _{mp} (W)	400	302	405	306	410	310	415	314	420	318
Open Circuit Voltage -V _{oc} (V)	37.07	34.88	37.23	35.02	37.32	35.23	37.45	35.37	37.58	35.51
Short Circuit Current -I _{sc} (A)	13.79	11.03	13.87	11.10	13.95	11.16	14.02	11.22	14.10	11.29
Maximum Power Voltage -V _{mp} (V)	31.01	29.27	31.21	29.48	31.45	29.70	31.61	29.91	31.80	30.12
Maximum Power Current -I _{mp} (A)	12.90	10.32	12.98	10.38	13.04	10.44	13.13	10.50	13.21	10.56
Module Efficiency STC-η _m (%)	20.48%		20.74%		21.00%		21.25%		21.51%	
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-M754BH415GL)

Power Gain	10%	15%	20%	25%
Maximum Power -P _{mp} (W)	456.5	477.25	498	518.75
Open Circuit Voltage -V _{oc} (V)	37.45	37.45	37.45	37.45
Short Circuit Current -I _{sc} (A)	15.25	15.95	16.64	17.33
Maximum Power Voltage -V _{mp} (V)	31.61	31.61	31.61	31.61
Maximum Power Current -I _{mp} (A)	14.46	15.10	15.76	16.42

MECHANICAL SPECIFICATIONS

External Dimension	1722 x 1134 x 30mm 67.80 x 44.65 x 1.18inch
Weight	24kg/52.91lbs
Solar Cells	P-Type Mono-crystalline(108pcs)
Front Glass/Back Glass	2.0mm/2.0mm(0.08inch)
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Cable Length	4.0 mm ² (12AWG), Portrait:200mm(+)/400mm(-); Or customized
Connector	MC4 Compatible

Power Bifaciality* 70%±10%

Please contact info@elite-solar.com for technical support. This parameter is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.

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/inch)	1760*1130*1264/69.29*44.49*49.76
Weight of packing (kg/lbs)	903/1990.77
Pieces per Container (Normal/Weight-limited area)	936/756