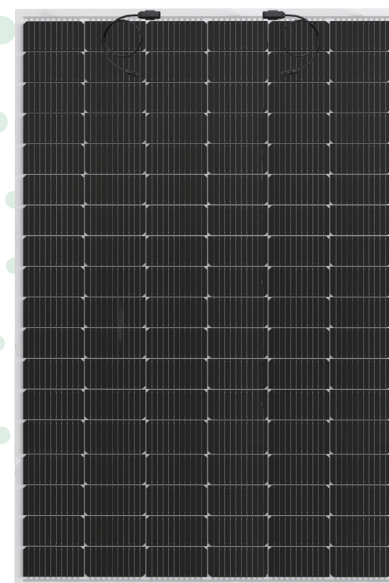


NESE 410-54MHF-M10

10BB HALF-CELL PERC MONOCRYSTALLINE
FLEXIBLE PV MOUDLE



KEY FEATURES



High efficiency PERC

A high efficiency 182 (M10) PERC solar cell with 10 busbars technology to ensure the efficiency of the solar module up to 22.28% and stable operation.



Lightweight

Glass free components are 70% lighter than traditional glass components



Excellent performance with weak light

More power output with a weak light condition-through advanced glass and solar cells.



0-5w tolerance

0- 5W positive power tolerance.



Pid free

Excellent Anti-PID performance, minimized the degradation of power.

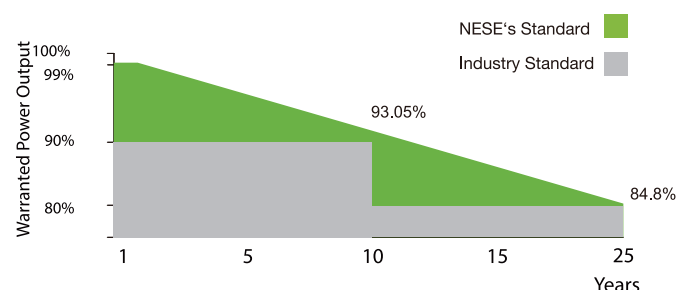


Resistance of extreme environment conditions

High salt mist and ammonia resistance certified by TUV.

LINEAR PERFORMANCE WARRANTY

12 YEARS PRODUCT WARRANTY. 25 YEARS LINEAR POWER WARRANTY.



MANAGEMENT SYSTEM CERTIFICATES

ISO 9001/ISO 14001/ISO 45001

SA 8000/ISO 50001/ISO 37001

PRODUCT CERTIFICATES

IEC 61215/IEC 61730:VDE/CE/CEC AU

UL 61730: CSA

IEC 61701/IEC 62716/IEC 62804

ENVIRONMENT CERTIFICATES

ISO 14064/ISO 14067

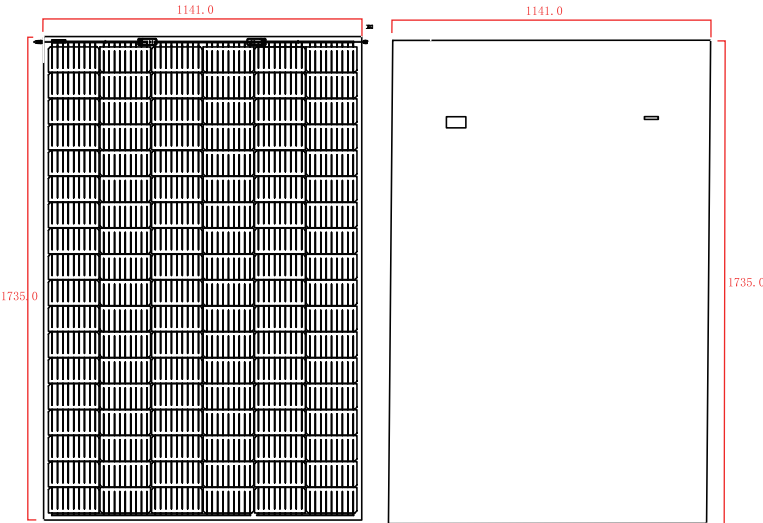
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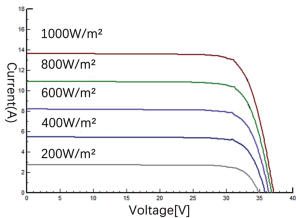
SPECIFICATIONS

Module type	NESE 395-54MHF-M10	NESE 400-54MHF-M10	NESE 405-54MHF-M10	NESE 410-54MHF-M10	NESE 415-54MHF-M10
	STC	STC	STC	STC	STC
Maximum power (Pmax)	395Wp	400Wp	405Wp	410Wp	415Wp
Maximum power voltage (Vmp)	30.6V	30.7V	30.8V	30.9V	31.0V
Maximum power current (Imp)	12.90A	13.03A	13.16A	13.29A	13.42A
Open-circuit voltage (Voc)	37.0V	37.1V	37.2V	37.3V	37.4V
Short-circuit current (Isc)	13.55A	13.66A	13.81A	13.90A	13.99A
Module efficiency stc (%)	19.95%	20.21%	20.46%	20.71%	20.96%
Operating temperature(°C)	-40°C ~ 85°C				
Maximum system voltage	1500(IEC&UL)				
Maximum series fuse rating	25A				
Sorting power tolerance	0~+3%				
Temperature coefficients of Pmax	-0.38%/°C				
Temperature coefficients of Voc	-0.28%/°C				
Temperature coefficients of Isc	+0.02%/°C				
Nominal operating cell temperature(NOCT)	41±2°C				

ENGINEERING DRAWING



ELECTRICAL PERFORMANCE & TEMPREATURE DEPENDENCE



MATERIAL CHARACTERISTICS

Number of cell	108
Dimensions	1735*1141*18mm 68.31"*44.92"*10.71"
Weight	6.3Kg 13.89lb
Junction box	IP68 rated 3 Diodes
Output cables	12 AWG,length: 350-1200mm (13.78-47.24 inch) or Customized length
Connectors	MC4-Compatible or Customized

PACKAGING CONFIGURATION

40HQ	1820PCS
20 GP	420PCS
Pallets in one Container	6/26Pallets
Modules in one Pallet	70Pcs

Electrical performance & temperature dependence Current-voltage (410W)