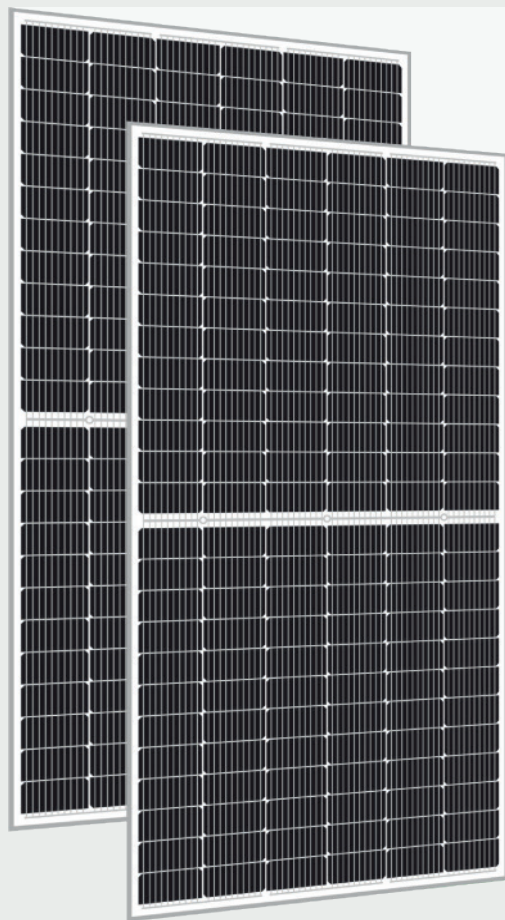


KEY FEATURES



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 20.90% and stable



Bifacial power generation

Increases 10-30% power generation



Excellent performance with weak light

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



Wind / Snow load

Wind load 2400 pa, snow load 5400 pa.



Pid Free

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



Resistance of extreme environment conditions

High Salt Mist and Ammonia resistance

MANAGEMENT SYSTEM CERTIFICATES

- ISO 9001:2015 / QUALITY MANAGEMENT
- SYSTEM ISO 14001:2015 / STANDARDS FOR ENVIRONMENTAL MANAGEMENT
- SYSTEM

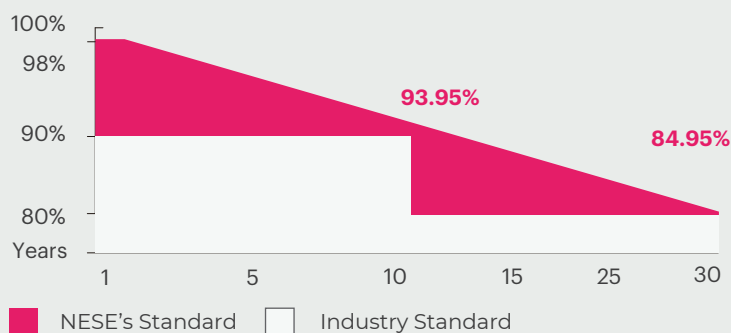
12 YEAR
QUALITY ASSURANCE

30 YEAR
POWER OUTPUT GUARANTEE

INSURED BY

CHUBB Munich RE

WARRANTED POWER OUTPUT



PRODUCT CERTIFICATES

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



PHUM TANOUN, SANGKAT KOMBOUL, KHAN POSENCEY, PHNOM PENH, KINGDOM OF CAMBODIA

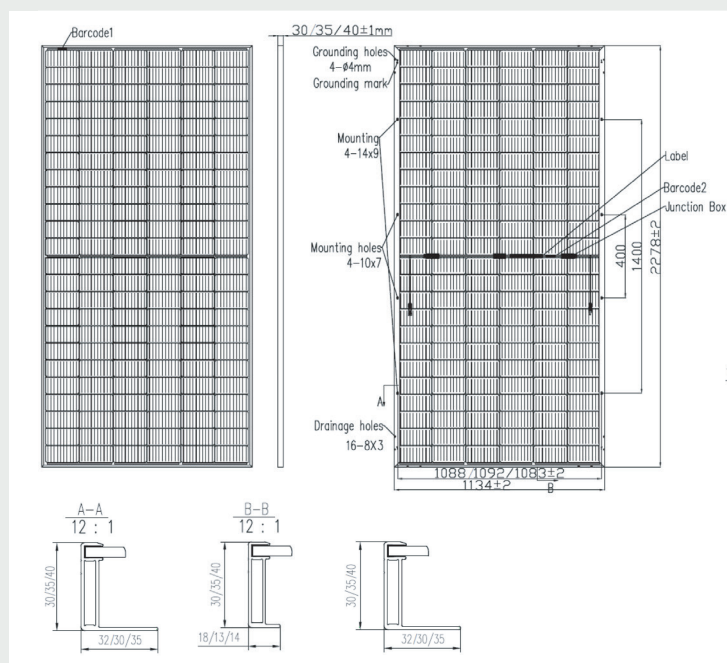
Specifications

Module type	UVCELL525-72MHB-M10		UVCELL530-72MHB-M10		UVCELL535-72MHB-M10		UVCELL540-72MHB-M10	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power (Pmax)	525Wp	393Wp	530Wp	397Wp	535Wp	400Wp	540Wp	404Wp
Maximum power voltage (Vmp)	40.9V	37.8V	41.1V	38.0V	41.3 V	38.1V	41.5V	38.3V
Maximum power current (Imp)	12.85A	10.40A	12.91A	10.45A	12.96A	10.50A	13.02A	10.55A
Open-circuit voltage (Voc)	49.2V	45.9V	49.4V	46.1V	49.6V	46.3V	49.8V	46.5V
Short-circuit current (Isc)	13.59A	10.98A	13.65A	11.02A	13.71 A	11.07A	13.77A	11.12A
Module efficiency STC (%)	20.32%		20.52%		20.71%		20.90%	
Operating temperature (°C)	-40°C ~ 85°C							

Electrical characteristics with 25% rear side power gain

Front power Pmax / W	525	530	535	540
Total power Pmax / W	656	663	669	675
Vmp / V (Total)	41.0	41.2	41.4	41.6
Imp / A(Total)	16.01	16.08	16.15	16.23
Voc / V (Total)	49.3	49.5	49.7	49.9
Isc / A(Total)	16.75	16.82	16.90	16.97

Engineering drawing



Temperature ratings

NOCT	44 ± 2°C
Temperature coefficients of Pmax	-0.35% / °C
Temperature coefficients of Voc	-0.29% / °C
Temperature coefficients of Isc	+0.05% / °C
Refer. Bifacial Factor	70 ± 5%

Material characteristics

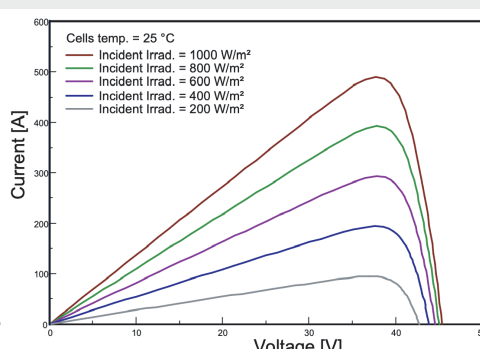
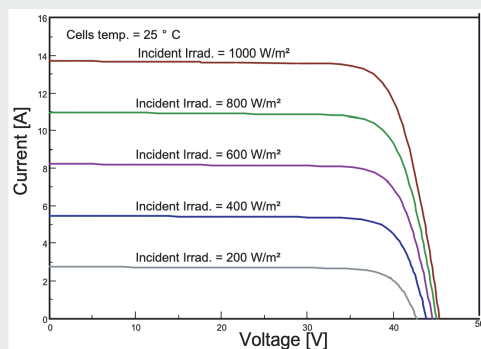
Number of cell	144 (6 * 24)
Dimensions	2278*1134*30 / 35 / 40
Weight	33.5 / 34 / 34.5lkg
Front glass	2.0mm+2.0mm heat strengthened glass
Frame	Anodized aluminium alloy
Junction box	Ip68 , 3 diodes
Cables	12 AWG, length: 350mm or Customized
Connectors	MC4-Compatible

Working conditions

Maximum system voltage	1000 / 1500 VDC
Maximum series fuse rating	30A

Packaging configuration

40HQ	720 / 620 / 540PCS
------	--------------------



Engineering drawing

Electrical performance
vs Incident Irradiance
Current-voltage &
power-voltage curves
(540W)