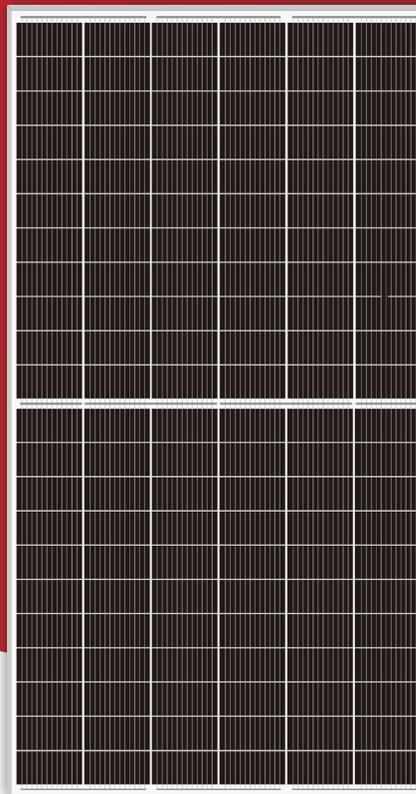


HI-C ILO

655-670W

High Efficiency Half-Cell Mono PERC Module



Excellent low irradiance performance.



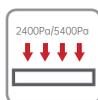
Better light trapping and current collection to improve module power output and reliability.



Industry leading lowest thermal co-efficient of power.



Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.

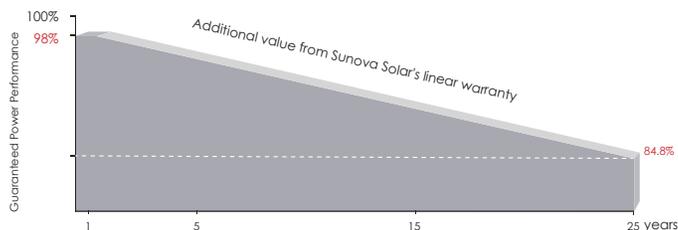


Certified to withstand: wind load (2400 Pa) and snow load (5400 Pa).



100% triple EL test enabling remarkable reduction of hidden crack rate of modules

LINEAR PERFORMANCE WARRANTY



15 years

Product quality & process guarantee

25 years

Linear power guarantee

0.55 %

Annual Degradation Over 25 years

COMPREHENSIVE CERTIFICATES



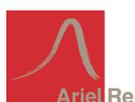
ISO 9001: Quality Management System

ISO 14001: Environmental Management System Standard

ISO 45001: International Occupational Health and Safety Assessment System Standard

* Different markets have different certification requirements. Also, the products are under rapid innovation. Please confirm the certification status with regional sales representatives.

PERFORMANCE INSURANCE



ELECTRIC CHARACTERISTICS

Model of modules	SS-655-66MDH-G12		SS-660-66MDH-G12		SS-665-66MDH-G12		SS-670-66MDH-G12	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power — P_{mp} (W)	655	494	660	498	665	502	670	506
Open-circuit voltage — V_{oc} (V)	45.48	42.75	45.64	42.92	45.87	43.12	46.05	43.29
Short-circuit current — I_{sc} (A)	18.63	15.01	18.66	15.03	18.71	15.06	18.75	15.10
Maximum power voltage — V_{mp} (V)	37.42	34.82	37.63	35.01	37.81	35.18	38.02	35.36
Maximum power current — I_{mp} (A)	17.51	14.19	17.54	14.23	17.59	14.27	17.63	14.32
Module efficiency — η_m (%)	21.1%		21.2%		21.4%		21.6%	
Power tolerance (W)	(0,+5)							
Maximum system voltage (V)	1500							
Maximum rated fuse current (A)	30							
Current operating temperature (°C)	-40~+85 °C							

STC (Standard Testing Conditions): Irradiance 1000W/m², Cell Temperature 25 °C, Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

STRUCTURAL CHARACTERISTICS

Module dimensions (L*W*H)	2384 x 1303 x 35 mm (93.86 x 51.30 x 1.38 inch)
Weight	33.9 kg (74.74 lbs)
Number of cells	132 cells
Cell	PERC Monocrystalline 210x105 mm (8.27 x 4.13 inch)
Glass	Tempered, 3.2 mm AR, High transmittance, Low iron
Frame	Anodized aluminum alloy
Junction box	IP68
Output wire	4.0 mm ² , wire length: 300mm/customized
Connector	MC4 Compatible
Mechanical load	Snow load: 5400 Pa / Wind load: 2400 Pa

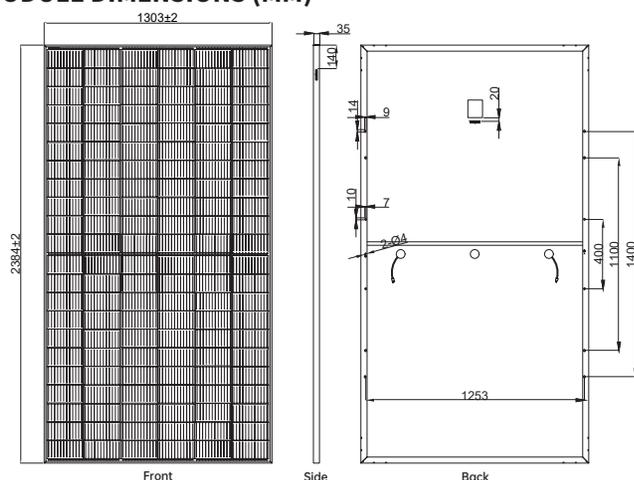
TEMPERFORMANCE RATINGS

Temperature coefficient (P_{max})	-0.34 %/°C
Temperature coefficient (V_{oc})	-0.25 %/°C
Temperature coefficient (I_{sc})	+0.04 %/°C
Nominal operating cell temperature	43±2 °C

PACKAGING CONFIGURATION

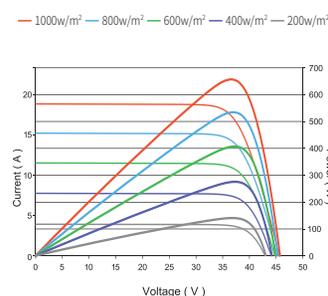
Container	40HQ
Quantity/pallet	31
Pallets/container	18
Quantity/container	558

MODULE DIMENSIONS (MM)



* The unmarked tolerance is ±1 mm
Length shown in mm

Current-Voltage & Power-Voltage Curves (665W)



Temperature Dependence of I_{sc} , V_{oc} , P_{max}

