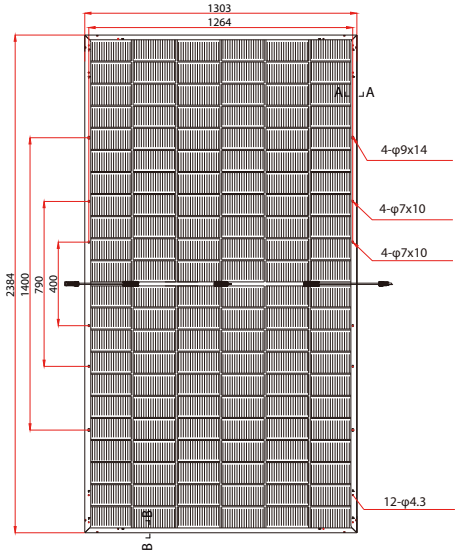
celesta ®

CL670M-HC

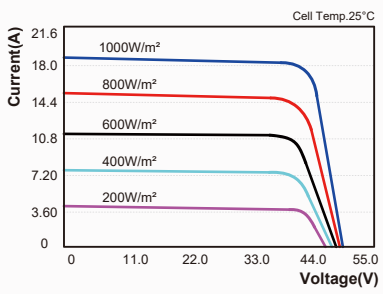
Electrical Characteristics	CL670M-HC
Maximum power (Pmax)	670W
Voltage at Pmax (Vmp)	38.2V
Current at Pmax (Imp)	17.55A
Open-circuit voltage (Voc)	46.1V
Short-circuit current (Isc)	18.62A
Temperature coefficient of Voc	-(0.40 ± 0.05)%/ °C
Temperature coefficient of Isc	(0.065 ±0.01)% /°C
Temperature coefficient of power	-(0.5±0.05)%/ °C
NOCT (Air 20°C; Sun 0.8kW/m² wind 1m/s)	47±2°C
Operating temperature	-40°C to 85°C
Maximum system voltage	1500V DC
Power tolerance	± 3%
Cells	monocrystalline silicon solar cell
No. of cells and connections	132(6X22)
Module Dimension	2384mm[93.86n.]x1303mm[51.30in.]x33mm[1.30in.]
Weight	38.3kg[84.26lbs]

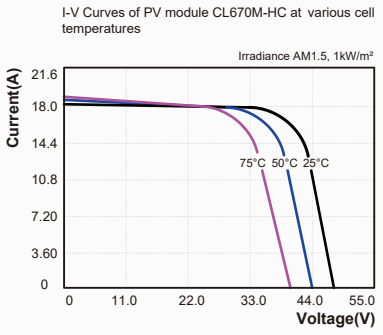
** STC:Irradiance 1000W/m², AM1.5 spectrum, module temperature 25°C*
** Specifications are subject to change without notice at any time.*

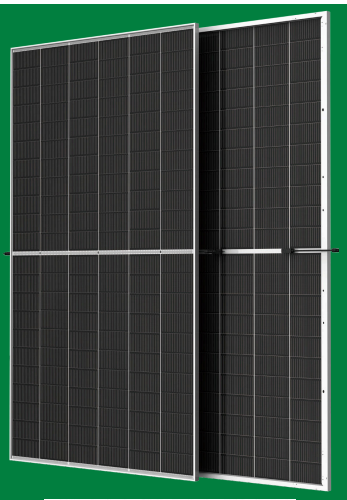
Module Diagram



I-V Curves







Key Features:

- High module efficiency and stable power output
- Based on leading process technology
- Outstanding electrical performance under high temperature conditions or low irradiance conditions
- Easy of installation and all-weather applications
- 5 years product warranty(materials and workmanship)
- 20 years module power output warranty
- Peak power of single module is guaranteed in ±3% power tolerance
- Strong framed module
- *The manufacture is certified for ISO 9001:2015*

Product's Guarantee

- 5 years products life warranty
- 15 years module power output no less 90%
- 20 years module power output no less 80%

Applications

- Off grid residential roof-tops
- Off grid commercial/industrial roof-tops
- Rural area applications
- Solar power system
- Other off-grid applications

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