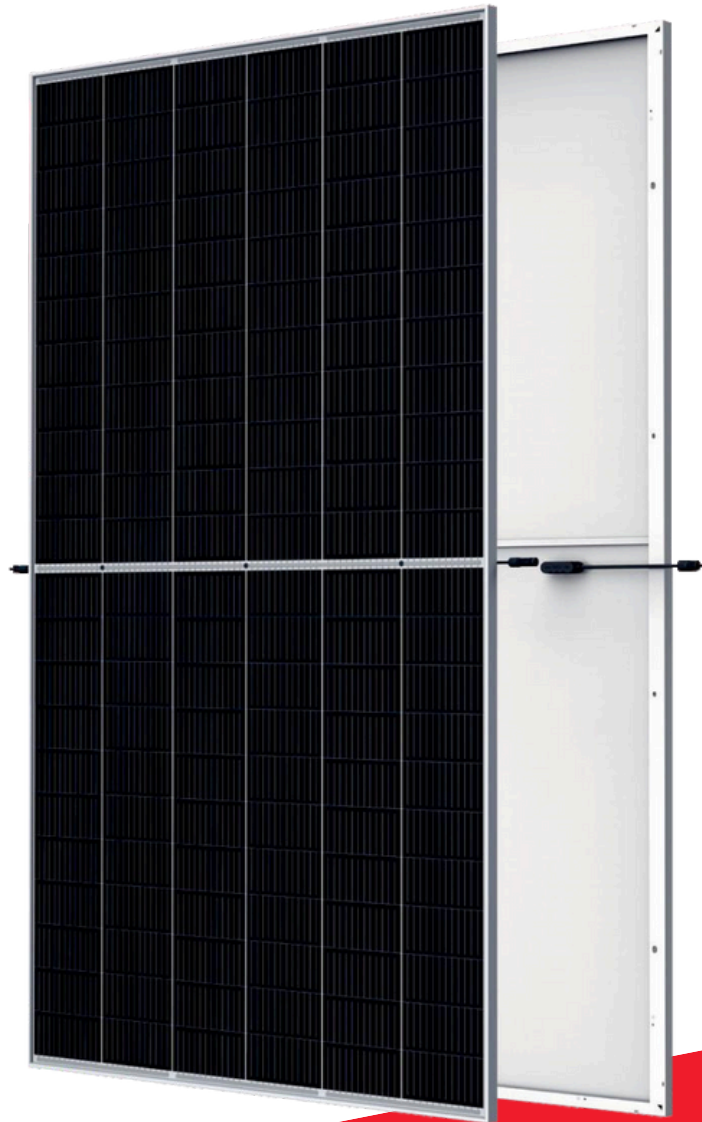


volta

ELECTRIC

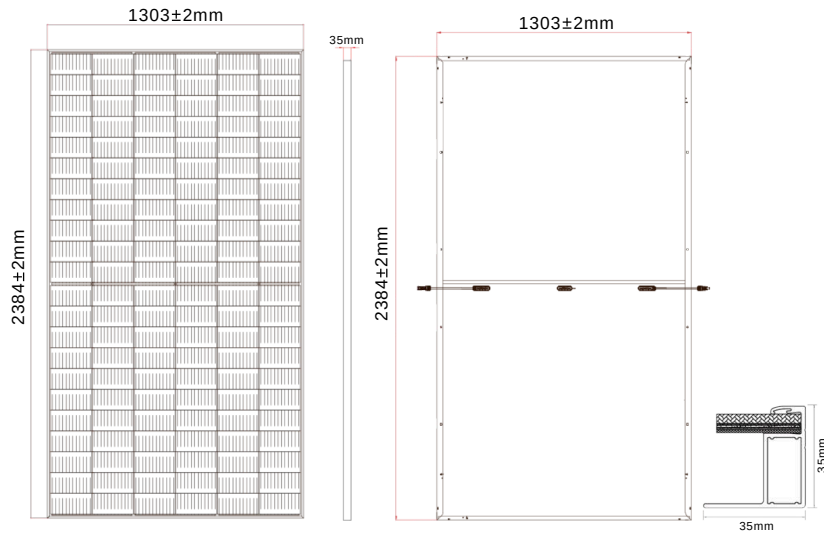
Unlimited Power

Solar Panel

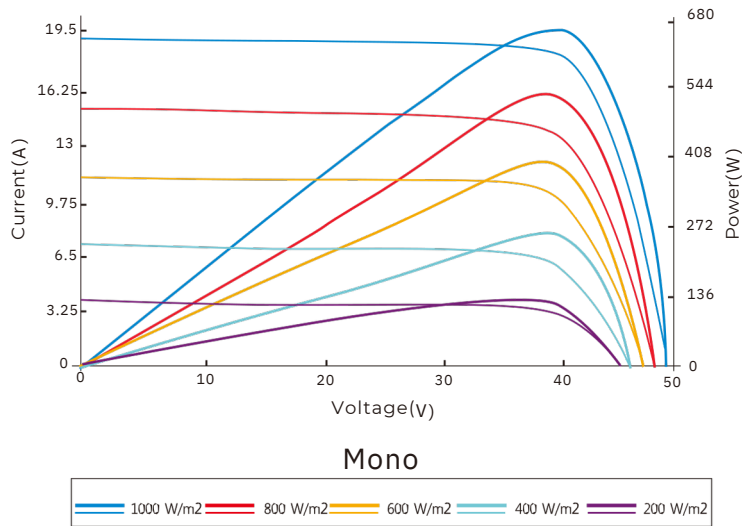


Designed in AZ, USA
Manufactured in China

Product details

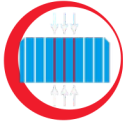


I-V Curve



Excellent performance under weak light conditions: at an irradiation intensity of 800W/m² (AM 1.5, 25oC), 95.5% or higher of the STC efficiency(1000W/m²) is achieved.

Product features



Half Cell

The power of Half-cell solar panel increases, and the hot spot temperature reduces because of lower working current



Positive Tolerance

Positive tolerance of up to 0~+5W delivers higher outputs reliability



High PID Resistant

Advanced cell technology and qualified materials lead to high PID resistant



Current Sorting Process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



Extended Wind and Snow

load tests

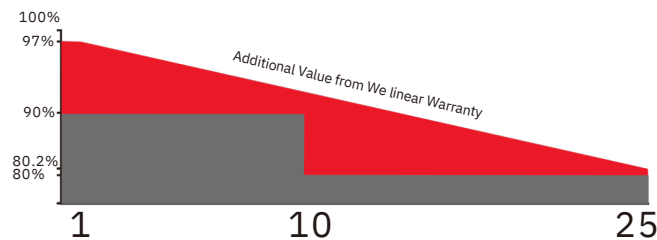
Module certified to withstand extreme wind (2400 Pascal) and snow loads(5400 Pascal)



1500V

Backsheet and junction box supporting 1500V system

Industry-Leading Warranty Based on Nominal Power



- * 25-year linear power output warranty
- * 10-year product warranty
- * The first year attenuation $\leq 2\%$

*MBB solar cells, Low resistance loss and higher conversion efficiency

*Double EL test before and after lamination, highly control product defects

*Solar panel classified by current, to improve system performance

Different models

550M	PARAMETER	VALUE
	Maximum Power (Pmax)	550W
	Optimum Operating Voltage (Vmp)	41.96V
	Optimum Operating Current (Imp)	13.11A
	Open Circuit Voltage (Voc)	49.90V
	Short Circuit Current (Isc)	14.00A
	Module Efficiency	21.28%
	Operating Module Temperature	-40 °C to +85°C
	Maximum System Voltage	1500V DC (IEC)
	Power Tolerance	0~+5W
	Weight	28.6kg ± 3%
Dimensions	2279±2mmx1134±2mmx35±1mm	

600M	PARAMETER	VALUE
	Maximum Power (Pmax)	600W
	Optimum Operating Voltage (Vmp)	40.30V
	Optimum Operating Current (Imp)	14.91A
	Open Circuit Voltage (Voc)	48.40V
	Short Circuit Current (Isc)	15.80A
	Module Efficiency	22.20%
	Operating Module Temperature	-40 °C to +85°C
	Maximum System Voltage	1500V DC (IEC)
	Power Tolerance	0~+5W
	Weight	33.6kg ± 3%
Dimensions	2384±2mmx1134±2mmx35±1mm	

660M	Maximum Power (Pmax)	660W
	Optimum Operating Voltage (Vmp)	37.80V
	Optimum Operating Current (Imp)	17.47A
	Open Circuit Voltage (Voc)	45.70V
	Short Circuit Current (Isc)	18.53A
	Module Efficiency	21.25%
	Operating Module Temperature	-40 °C to +85°C
	Maximum System Voltage	1500V DC (IEC)
	Power Tolerance	0~+5W
	Weight	33.9kg ± 3%
Dimensions	2384±2mmx1303±2mmx35±1mm	

