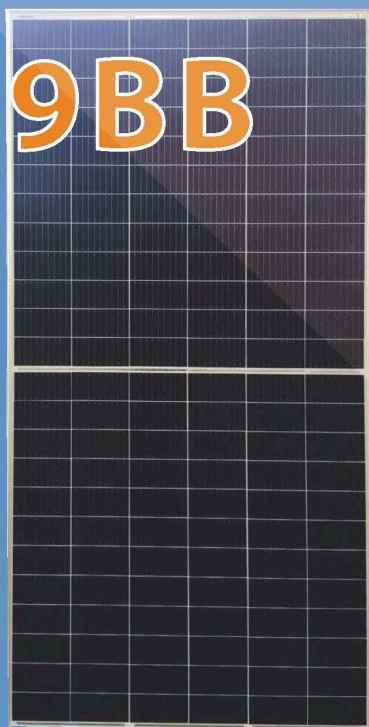


# MONO

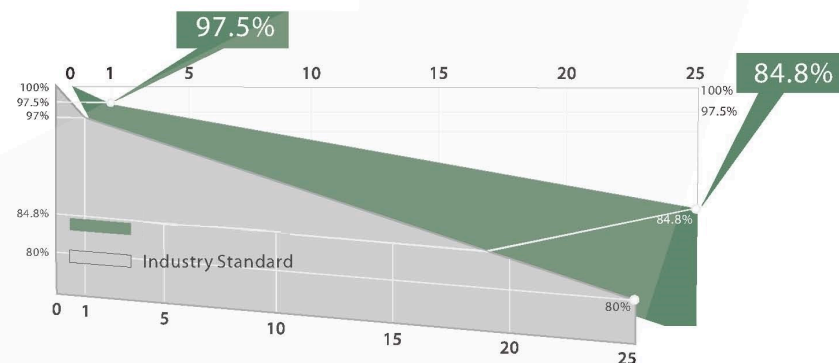
## 395-415w

(Super-efficiency half-cell Modules)  
Assembled with the advanced half-cell technology offer the advantages of higher power output, reduced series resistance loss, and lower risk of hot spot. In order to meet the Clients' requirements of best quality and efficiency.

144 cells  
Half-cut cell modules



## LINEAR PERFORMANCE WARRANTY



- 9BB** 9BB cell design  
Smaller electric current, less CTM loss  
Lower risk of hot spot
-  ISO9001:2015&ISO14001 management systems
- IEC** IEC61215&IEC61730 standard quality
-  Wind load up to 3800Pa  
Snow load up to 5400Pa
- +5W** 0-5W positive power sorting
-  Stable performance under weak light conditions
- 25-year  
12-year** 25-year power warranty  
12-year product warranty

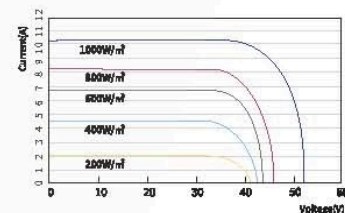


# MONO 395-415w 144 cells 9BB

## ELECTRICAL PARAMETERS

	395M		400M		405M		410M		415M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	395W	293W	400W	297W	405W	301W	410W	305W	415W	309W
Open Circuit Voltage (Voc)	49.47V	45.99V	49.85V	46.26V	50.34V	46.53V	50.77V	46.79V	51.25V	47.05V
Short Circuit Current (Isc)	10.29A	8.23A	10.33A	8.29A	10.35A	8.35A	10.38A	8.41A	10.40A	8.47A
Voltage at Maximum Power (Vmp)	40.93V	37.71V	41.24V	37.93V	41.54V	38.15V	41.84V	38.36V	42.13V	38.58V
Current at Maximum Power (Imp)	9.65A	7.77A	9.70A	7.83A	9.75A	7.89A	9.80A	7.95A	9.85A	8.01A
Module Efficiency(%)	19.63%		19.88%		20.13%		20.38%		20.63%	

**STC:** Irradiance 1000W/m<sup>2</sup>, cell temperature 25°C, AM1.5G  
**NOCT:** Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s, AM1.5G



Operating Module Temperature -40°C to +85°C

Maximum System Voltage 1500V DC(IEC)

Maximum Series Fuse Rating 20A

Power Tolerance 0/+5W

### Temperature Characteristics

Nominal Operating Cell Temperature(Noct) 45±2°C

Temperature Coefficient of Pmax -0.36%/°C

Temperature Coefficient of Voc -0.28%/°C

Temperature Coefficient of Isc +0.05%/°C

## Packing Configuration

Container	20' GP	40' HQ
Pieces per pallet	26	26
Pallets per container	10	22
Pieces per container	260	572

## Mechanical Characteristics

Solar Cell	MONO
No. of Cell	144(6x24)
Dimensions	2008x1002x40mm
Weight	22.0kgs
Front	3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	Ip68 rated(3 by pass diodes)
Output Cables	4.0mm <sup>2</sup>
	symmetrical length
	300mm
Connectors	MC4 compatible
Mechanical load test	5400Pa

