

Products and Production Capacity Roadmap

For:

the BayWa C&I Webinar 2021

A Global Leader in the PV Industry

JA SOLAR

Founded in **May, 2005**

4 Consecutive Years
Listed on **Fortune China 500**

8.3%

Global Market Share
(IHS, Q2 2020)

33,000

Customers Worldwide

\$3.13 Billion

Total Revenue of 2019

22,000

Employees

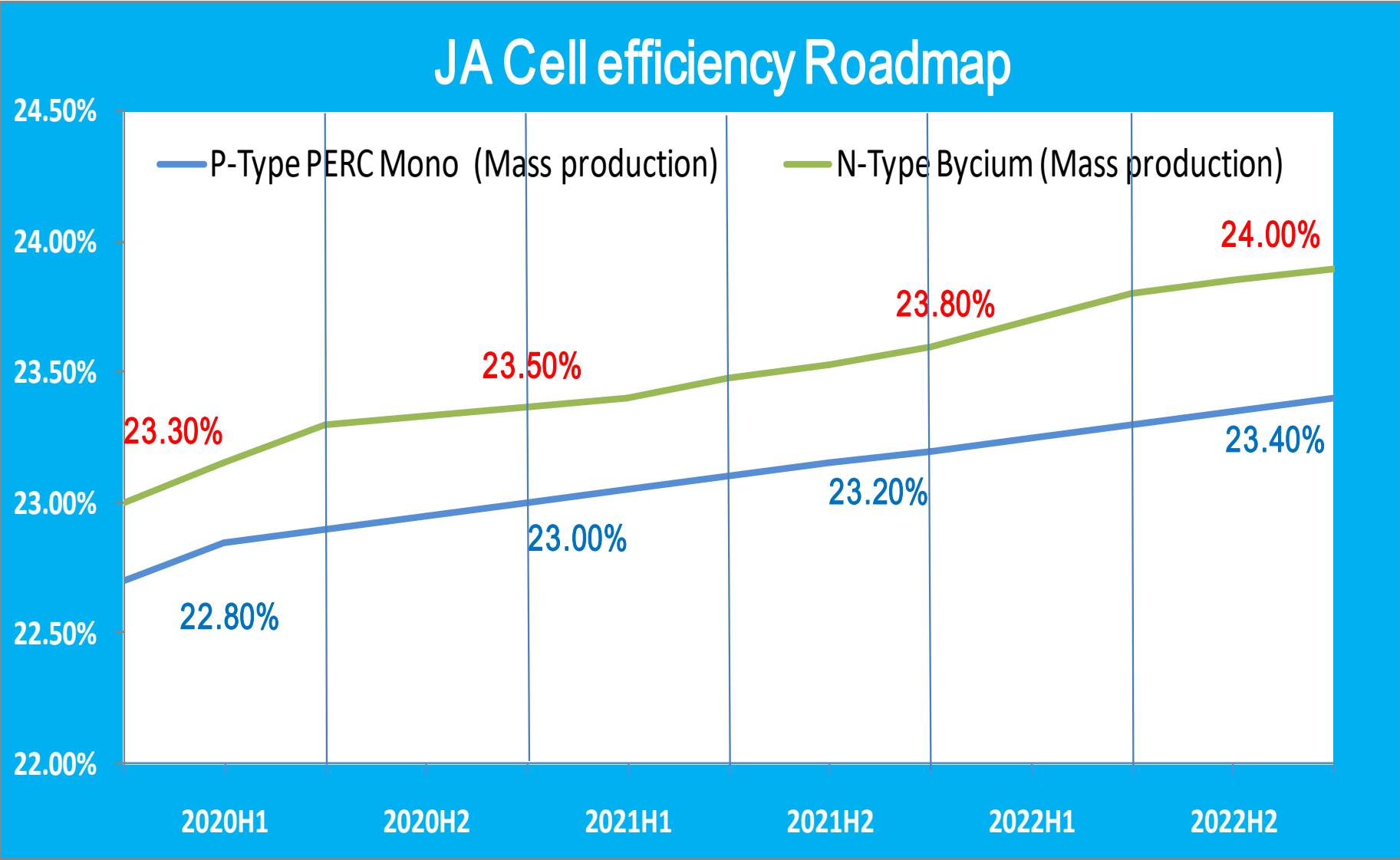
50GW

Cumulative Shipments
(As of Q2, 2020)

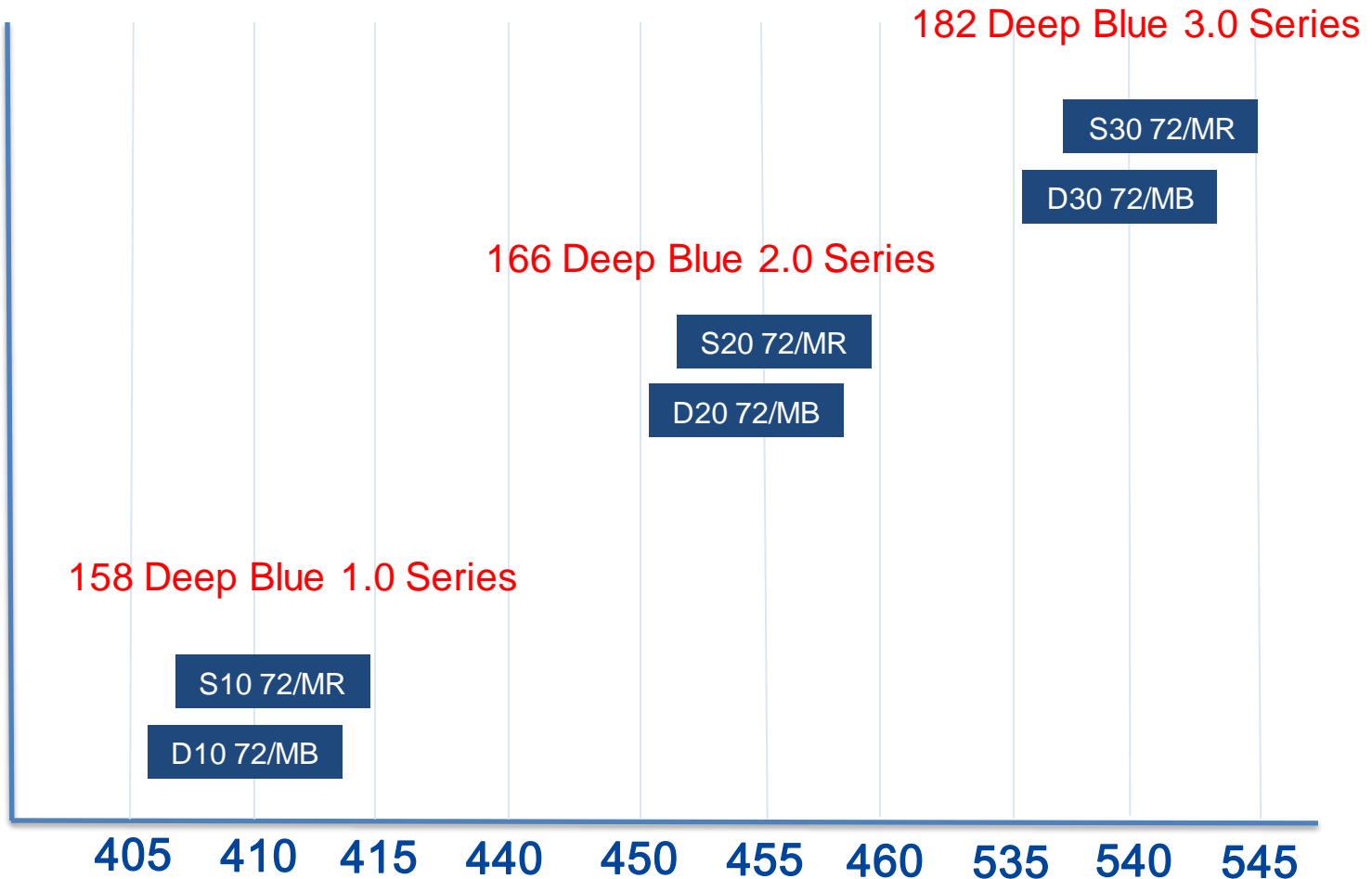
12

Global Manufacturing Bases

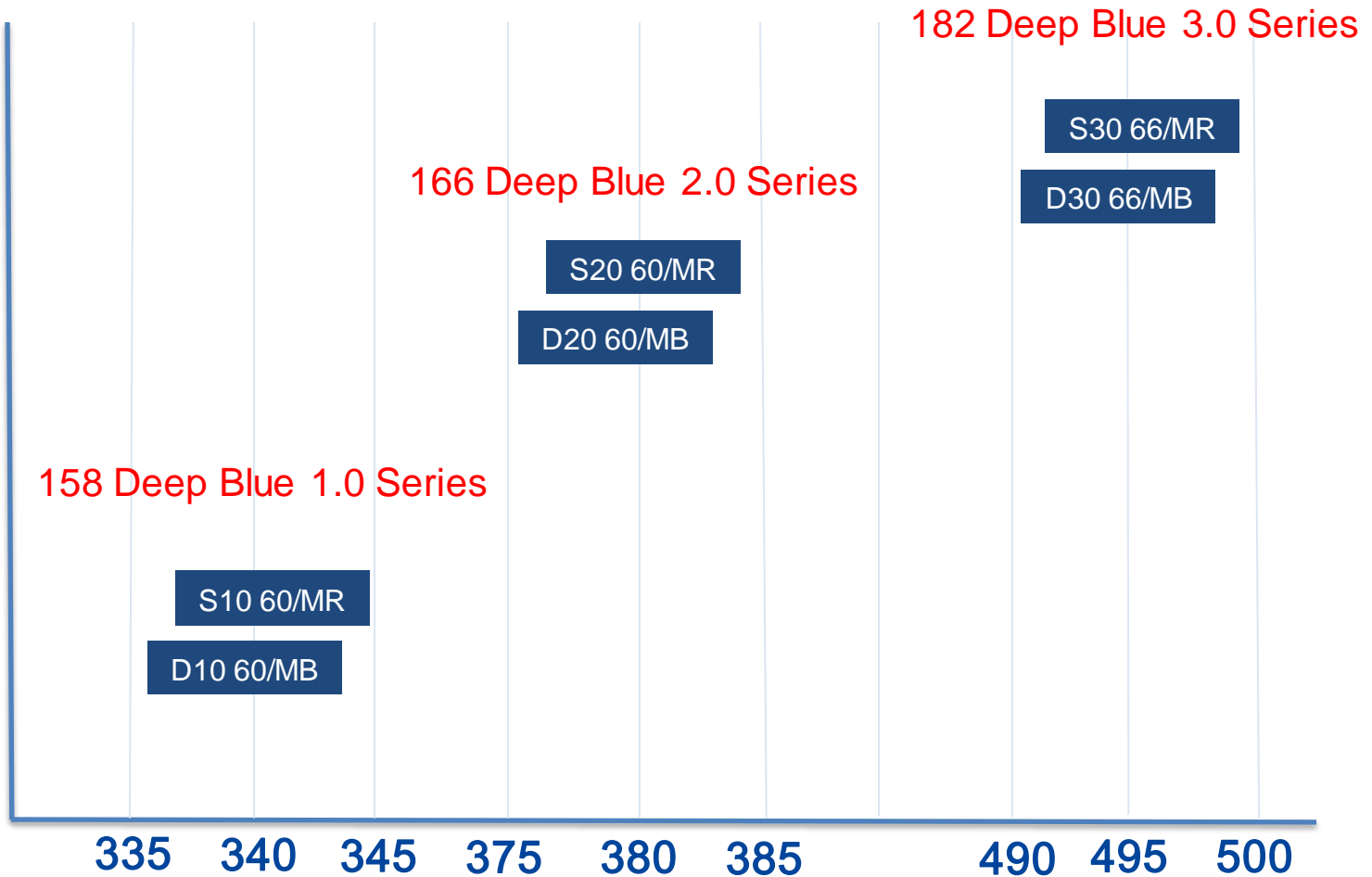
2020-2022 Cell Efficiency Roadmap



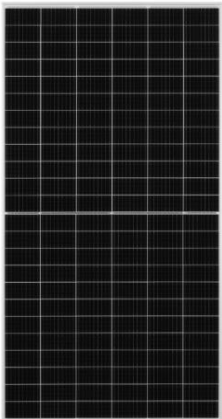
ROADMAP HIGH-LEVEL GUIDE 72 CELL



ROADMAP HIGH-LEVEL GUIDE 60 & 66 CELL

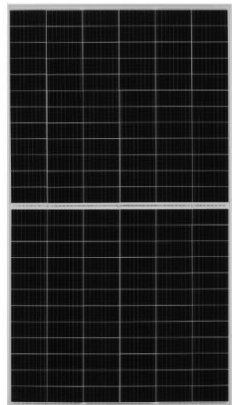


Mono PERC Half-Cell Module



- Higher Power output with MBB design
- Excellent temperature dependent performance
- Less shading effect
- Better anti-hot spot performance

Bifacial Double Glass Half cell Module

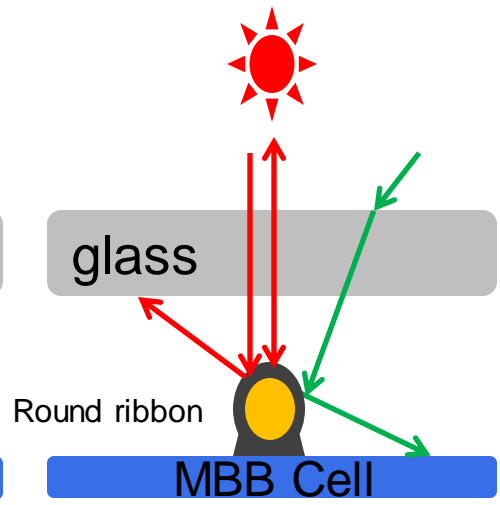
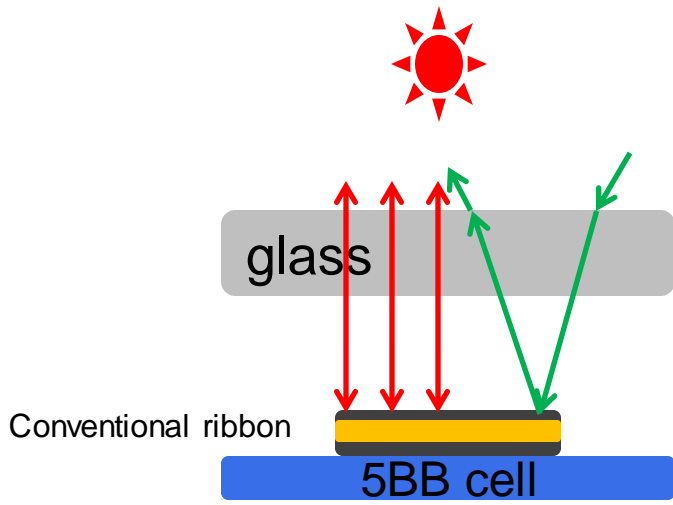


- Higher Power output with MBB design
- 5%~15% more energy generation based on different background
- Excellent temperature dependent performance
- Lower LCOE

- 1、 Higher reliability half Cell 9BB design, short current path, lower CTM Loss less affected by micro-cracks and broken fingers
- 2、 Circular ribbon can reduce the shading area, reflect more light to cell surface and improve the module power

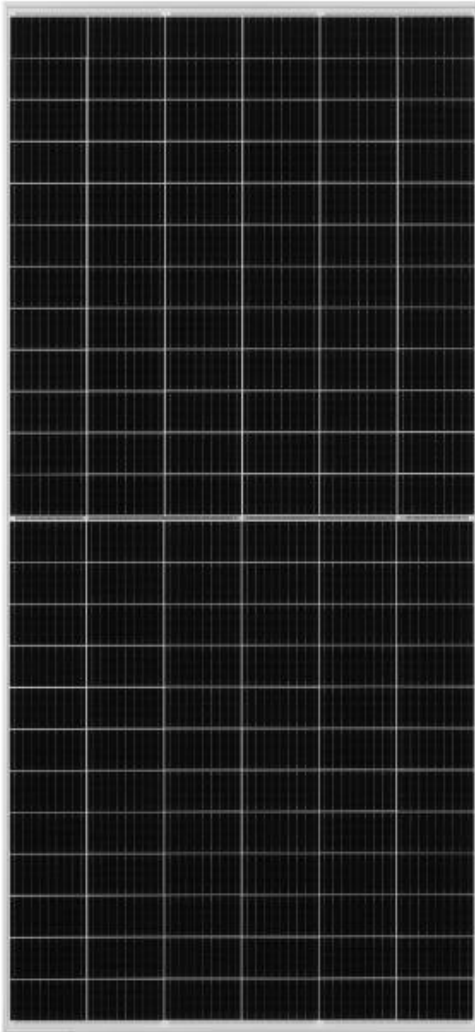


9BB Half Cell



Premium Cells, Premium Modules

Advantages of 166 Size Half Cell MBB Module

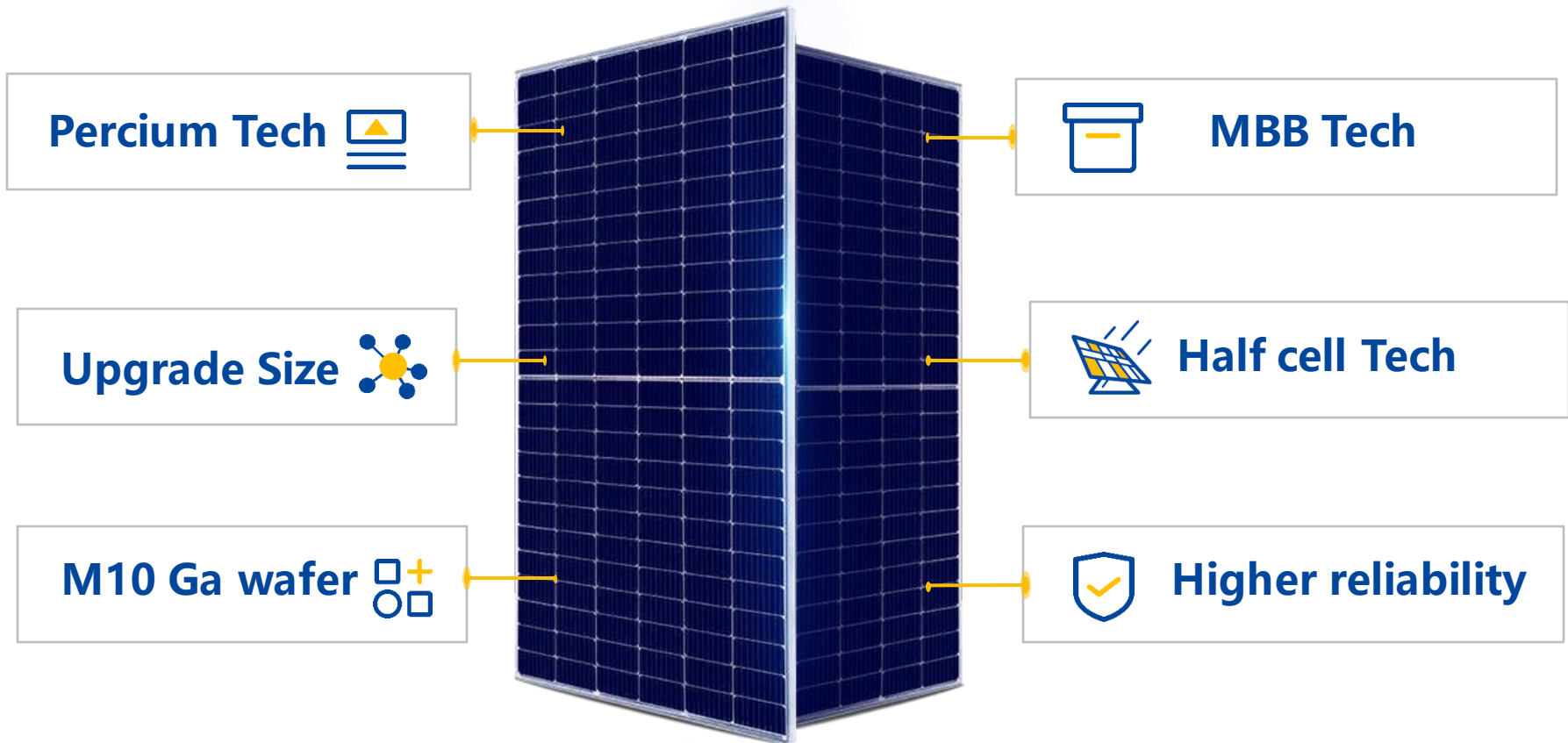


DEEP BLUE 2.0

- 9BB 166 Size half cell design , higher module power
- Have advantages of lower hot spot temperature
- Less partial shading loss more module power output
- Module Voc Keep same with industrial
- 166mm size cell , String length unchanged

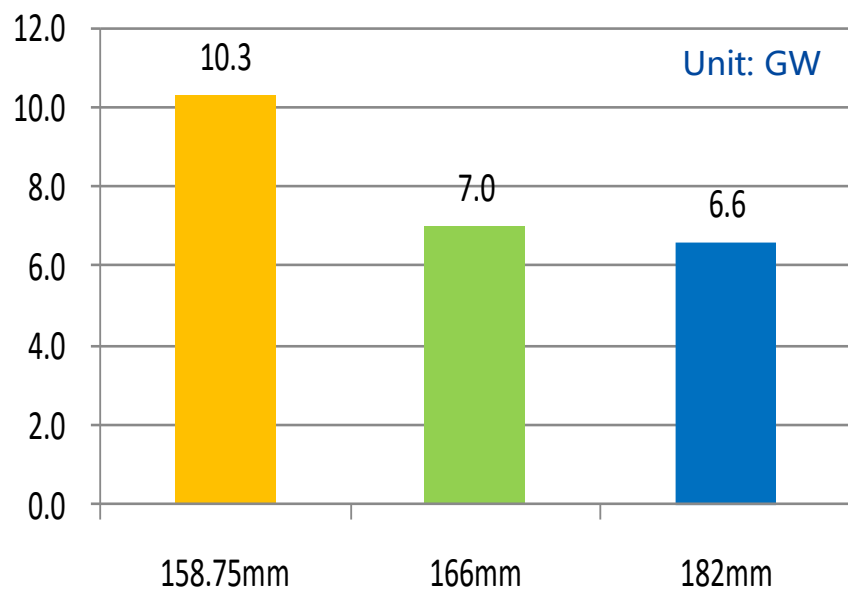
Advantages of 182 Size half Cell MBB Module

DEEP BLUE 3.0

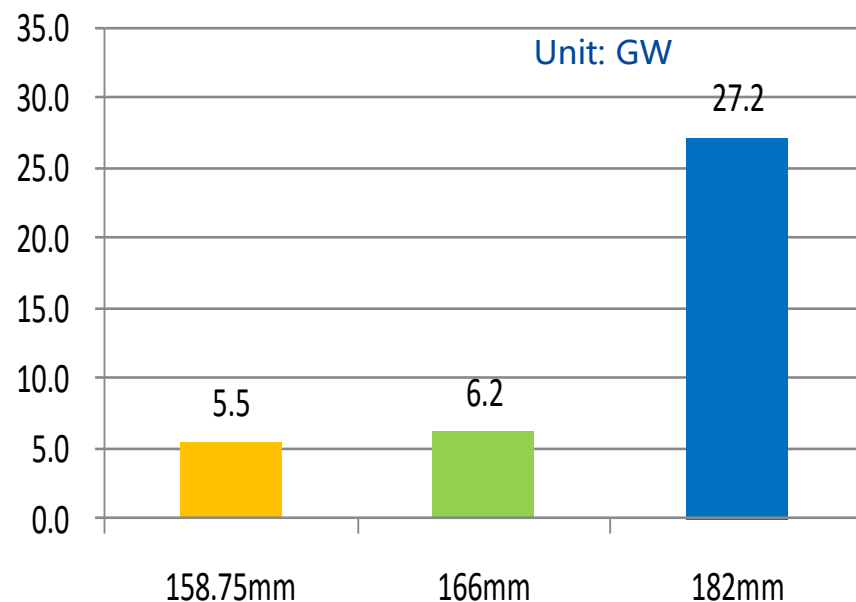


JA Module Capacity Plan

Module Capacity by end of 2020



Module Capacity by end of 2021



Premium Cells, Premium Modules

Harvest the Sunshine
Premium Cells, Premium Modules