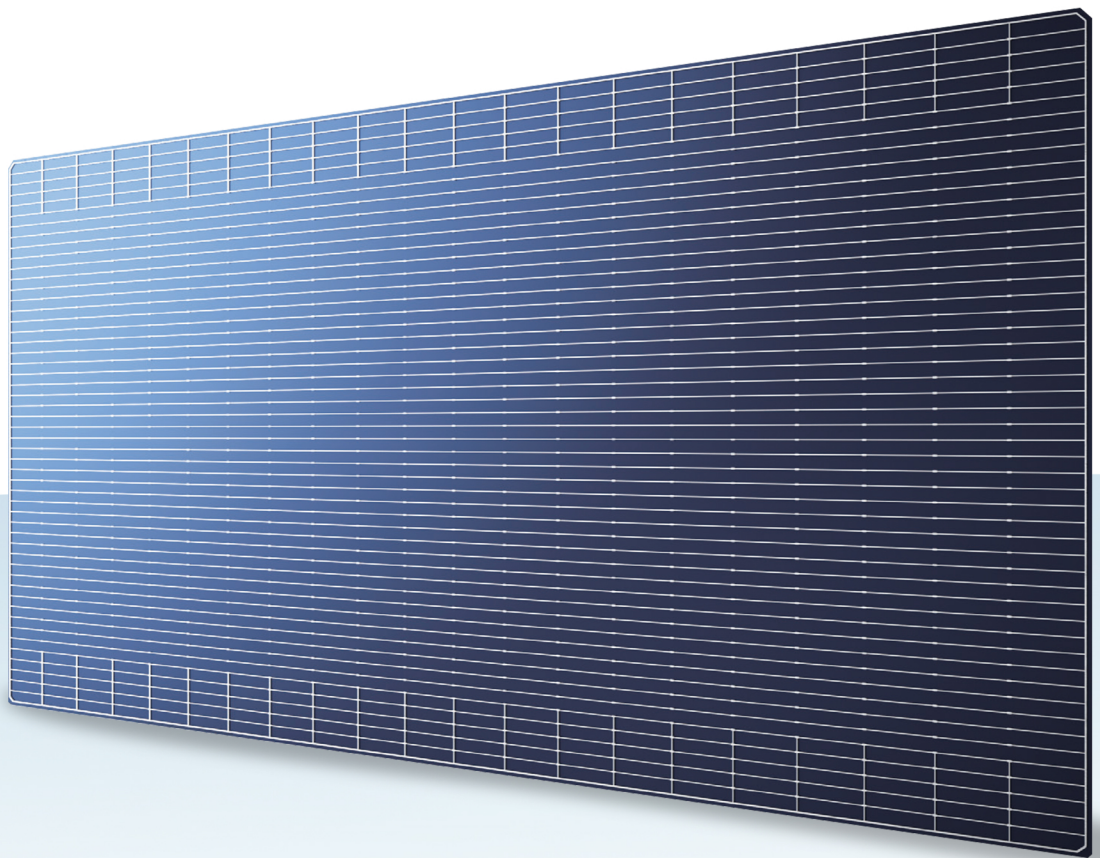


# Cell

N-HJT  
G12-0BB

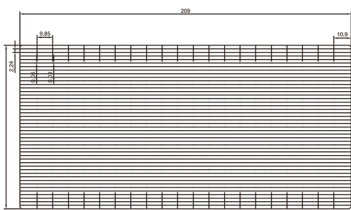


TOP PV TECH,  
DRIVING ONWARD FOR GREEN ENERGY

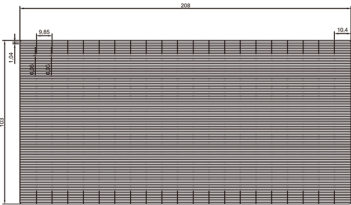
# Monocrystalline Silicon Cell Specification

N-HJT-G12-0BB-Grade A

| Mechanical Characteristics |                                                           |
|----------------------------|-----------------------------------------------------------|
| Product                    | High-efficiency Monocrystalline HJT Solar Cell (Half-cut) |
| Specification              | N-type, No busbar, 210mm*105mm±0.15mm                     |
| Thickness                  | 110±15μm, 120±15μm                                        |
| Front Side(-)              | Blue Transparent Conductive Oxide (TCO) Film, No busbar   |
| Back Side(+)               | Blue Transparent Conductive Oxide (TCO) Film, No busbar   |



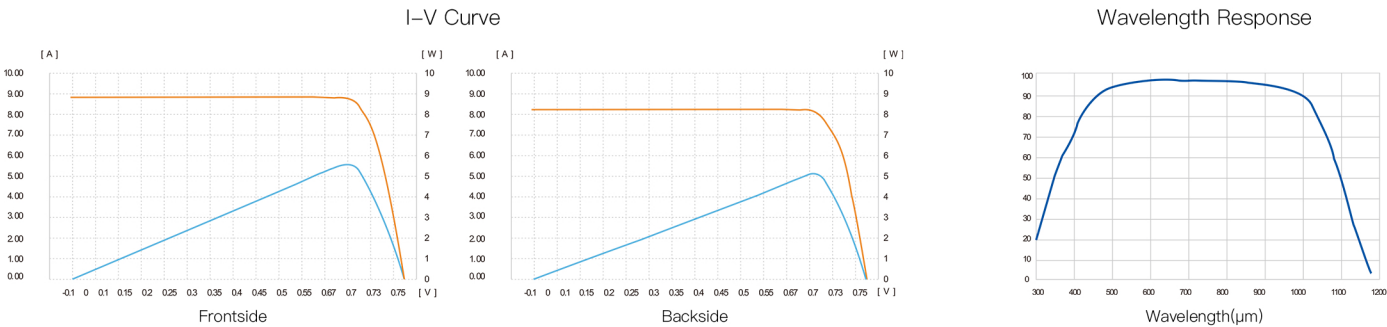
Front surface



Rear surface

| Temperature coefficient |           |                             |
|-------------------------|-----------|-----------------------------|
| 0.047%/K                | -0.24%/K  | -0.22%/K                    |
| Short-Circuit Current   | Max.Power | CurrentOpen-Circuit Voltage |

## Performance curve



| Electronic Parameters |         |        |          |        |        |       |      |
|-----------------------|---------|--------|----------|--------|--------|-------|------|
| Cell Type             | Pmpp(W) | Imp(A) | Vmpp (V) | Isc(A) | Voc(v) | FF    | η(%) |
| 210M-260              | 5.73    | 8.506  | 0.674    | 8.905  | 0.753  | 85.48 | 26   |
| 210M-259              | 5.7     | 8.481  | 0.673    | 8.892  | 0.753  | 85.27 | 25.9 |
| 210M-258              | 5.68    | 8.463  | 0.672    | 8.883  | 0.753  | 85.03 | 25.8 |
| 210M-257              | 5.66    | 8.434  | 0.672    | 8.875  | 0.752  | 84.89 | 25.7 |
| 210M-256              | 5.64    | 8.43   | 0.669    | 8.861  | 0.752  | 84.69 | 25.6 |
| 210M-255              | 5.62    | 8.405  | 0.669    | 8.849  | 0.752  | 84.48 | 25.5 |
| 210M-254              | 5.59    | 8.381  | 0.668    | 8.833  | 0.752  | 84.3  | 25.4 |
| 210M-253              | 5.57    | 8.341  | 0.669    | 8.815  | 0.752  | 84.14 | 25.3 |

| Rear Electronic Parameters |         |        |          |        |        |       |       |
|----------------------------|---------|--------|----------|--------|--------|-------|-------|
| Cell Type                  | Pmpp(W) | Imp(A) | Vmpp (V) | Isc(A) | Voc(v) | FF    | η(%)  |
| 210M-ZM-260                | 5.44    | 8.005  | 0.681    | 8.363  | 0.752  | 86.66 | 24.7  |
| 210M-ZM-255                | 5.34    | 7.855  | 0.68     | 8.315  | 0.75   | 85.64 | 24.23 |
| 210M-ZM-247                | 5.17    | 7.71   | 0.672    | 8.25   | 0.748  | 83.86 | 23.47 |