



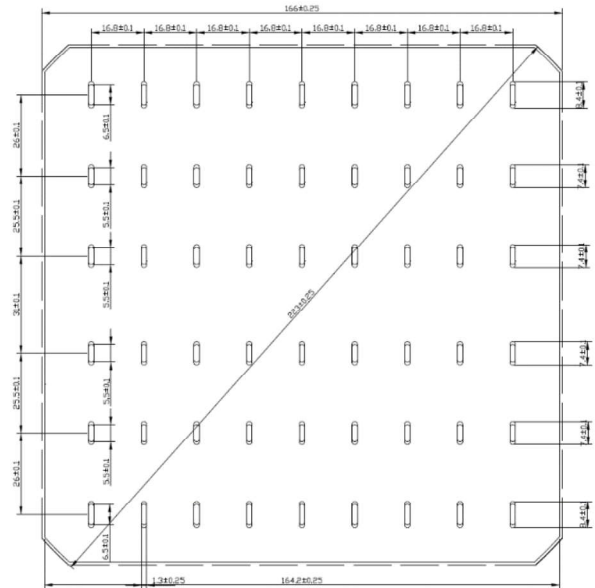
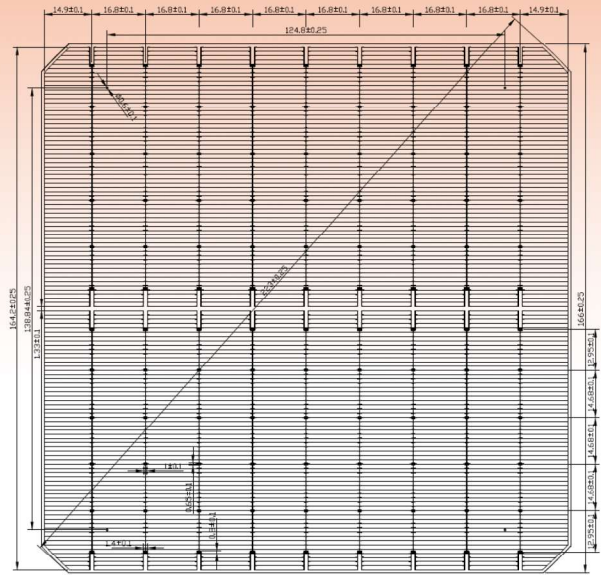
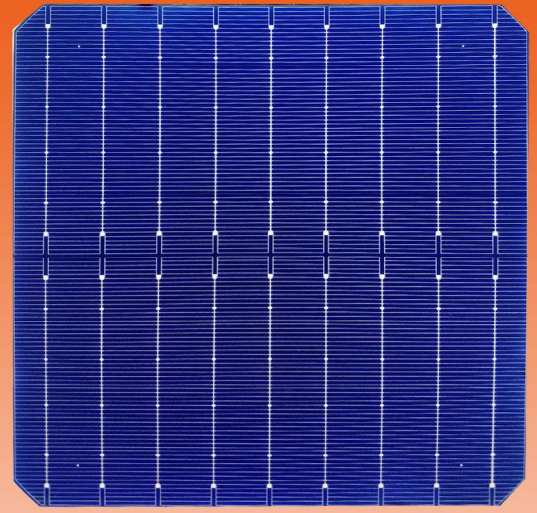
AOLI SOLAR

Monocrystalline Solar Cells 166mm 9BB

| Eff (%) | Pmpp (W) | Umpp (V) | Impp (A) | Uoc (V) | Isc (A) | FF (%) |
|---------|----------|----------|----------|---------|---------|--------|
| 22.9 | 6.28 | 0.5943 | 10.563 | 0.6817 | 11.139 | 82.67 |
| 22.8 | 6.25 | 0.5925 | 10.550 | 0.6803 | 11.124 | 82.60 |
| 22.7 | 6.22 | 0.5902 | 10.544 | 0.6784 | 11.119 | 82.51 |
| 22.6 | 6.20 | 0.5885 | 10.529 | 0.6770 | 11.103 | 82.43 |
| 22.5 | 6.17 | 0.5866 | 10.515 | 0.6761 | 11.089 | 82.27 |
| 22.4 | 6.14 | 0.5848 | 10.502 | 0.6746 | 11.077 | 82.18 |
| 22.3 | 6.11 | 0.5829 | 10.488 | 0.6732 | 11.060 | 82.11 |
| 22.2 | 6.09 | 0.5805 | 10.485 | 0.6699 | 11.046 | 82.25 |
| 22.1 | 6.06 | 0.5786 | 10.472 | 0.6683 | 11.033 | 82.18 |
| 22.0 | 6.03 | 0.5764 | 10.464 | 0.6662 | 11.025 | 82.15 |
| 21.9 | 6.00 | 0.5745 | 10.451 | 0.6641 | 11.008 | 82.13 |
| 21.8 | 5.98 | 0.5726 | 10.437 | 0.6619 | 10.989 | 82.16 |
| 21.7 | 5.95 | 0.5714 | 10.411 | 0.6610 | 10.964 | 82.08 |
| 21.6 | 5.92 | 0.5709 | 10.373 | 0.6609 | 10.944 | 81.87 |
| 21.5 | 5.89 | 0.5678 | 10.382 | 0.6601 | 10.940 | 81.62 |

| | |
|-----------|--|
| Format | 166x166mm±0.25mm |
| Thickness | 190mm±30um |
| Front | 9*0.1±0.3mm busbar(silver),124 fingers, blue silicon nitride anti-reflection coating(PID free) |
| Back | Back electrode width (silver) 1.3±0.25mm, back side cover aluminum back filed, Vertical laser design |

| Temperature Index | Intensity(W/m ²) | Uoc | Isc |
|-----------------------|------------------------------|-------|-------|
| TkVoltage: -0.36 %/K | 1000 | 1.000 | 1.000 |
| TkCurrent: +0.07%/K | 900 | 0.996 | 0.903 |
| TkPower: -0.38%/K | 800 | 0.991 | 0.803 |
| Rsh≥30 Ω , Irev2≤0.8A | 600 | 0.988 | 0.602 |
| | 400 | 0.962 | 0.403 |



AOLI SOLAR WITH HIGH PERFORMANCE

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