DAS-NMAD9B

N-Type Mono Bifacial Cell

Product Feature

- → High conversion efficiency, Up to 22.6%
- ⇒ Bifaciality ratio ≥80%
- Zero Light Induced Degradation
- ◇ PID resistant
- Power temperature coefficient ≤-0.35%/C
- Relative conversion efficiency (200W/m²) ≥97%
- Lower CTM loss, better for the high efficiency module

Quality Control

- The accuracy of the efficiency test is controlled at ±0.1%
- IV/EL/Appearance 100% automatic inspection
- Calibration Cell soure to Fraunhofer ISE

Management System Certification

- ♦ ISO 9001:2015 Quality Management System
- ♦ ISO 14001:2015 Environmental Management System
- ♦ ISO 45001:2018 Occupational Health and Safety Management System



DAS solar has been founded in 2018, the total designed production capacity is 5GW high efficiency Mono cell and 3GW high efficiency Mono module. It will be 1.2GW high efficiency Mono PERC cell and 900 MW high efficiency Mono PERC module production capacity from early 2019.

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N-Type Mono Bifacial Cell

Product Features

Temperature Coefficients

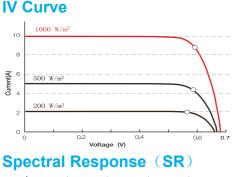
| Dimension: | 158.75mmx158.75mm±0.25mm | | | | |
|-----------------|---|--|--|--|--|
| Cell Thickness: | | | | | |
| Front side: | 0.06±0.01mm wide bus bars,102 finger grids,SiN | | | | |
| Back side: | 0.06±0.01mm wide bus bars, 102 finger grids , SiN | | | | |

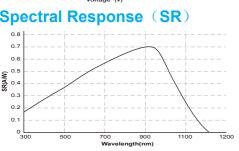
| Current Temperature Coefficient | Tkcurrent: +0.048 %/K | | |
|---------------------------------|-----------------------|--|--|
| Voltage Temperature Coefficient | Tkvoltage: -0.30 %/K | | |
| Power Temperature Coefficient | Tkpower: -0.35 %/K | | |

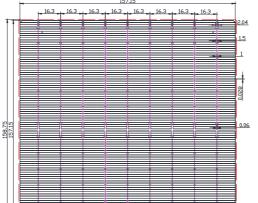
Electric Performance

| Eff(%) | Pmpp(W) | Umpp(V) | Impp(A) | Uoc(V) | Isc(A) | FF(%) |
|--------|---------|---------|---------|--------|--------|-------|
| 22.90% | 5.77 | 0.586 | 9.863 | 0.696 | 10.234 | 81.53 |
| 22.80% | 5.75 | 0.585 | 9.739 | 0.695 | 10.219 | 81.39 |
| 22.70% | 5.72 | 0.584 | 9.713 | 0.694 | 10.204 | 81.25 |
| 22.60% | 5.70 | 0.583 | 9.686 | 0.693 | 10.192 | 81.11 |
| 22.50% | 5.67 | 0.582 | 9.659 | 0.692 | 10.182 | 80.97 |
| 22.40% | 5.64 | 0.581 | 9.631 | 0.691 | 10.165 | 80.83 |
| 22.30% | 5.62 | 0.580 | 9.604 | 0.690 | 10.151 | 80.69 |
| 22.20% | 5.59 | 0.579 | 9.594 | 0.689 | 10.131 | 80.55 |
| 22.10% | 5.57 | 0.578 | 9.583 | 0.688 | 10.126 | 80.41 |
| 22.00% | 5.54 | 0.577 | 9.572 | 0.687 | 10.104 | 80.27 |
| 21.90% | 5.52 | 0.576 | 9.545 | 0.686 | 10.090 | 80.13 |
| 21.80% | 5.49 | 0.575 | 9.517 | 0.685 | 10.065 | 79.99 |

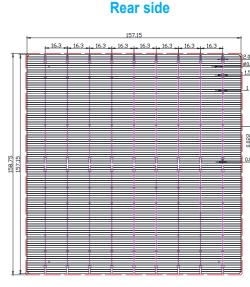
- Standard Test Conditions:1000W/ m², AM 1.5, 25°C
- Specifications and data are only for reference.







Front side





Headquarter: No.43, Bailing south road, green industrial agglomeration area, Quzhou, Zhejiang Province ShangHai office: Room 606, Building A, No. 169 Shengxia road, Pudong new district, Shanghai WuXi office: Room 2580, Wuxi IFS, No. 99 Zhongshu road, Liangxi district, Wuxi, Jiangsu Province Web: www.das-solar.com Email: info@das-solar.com