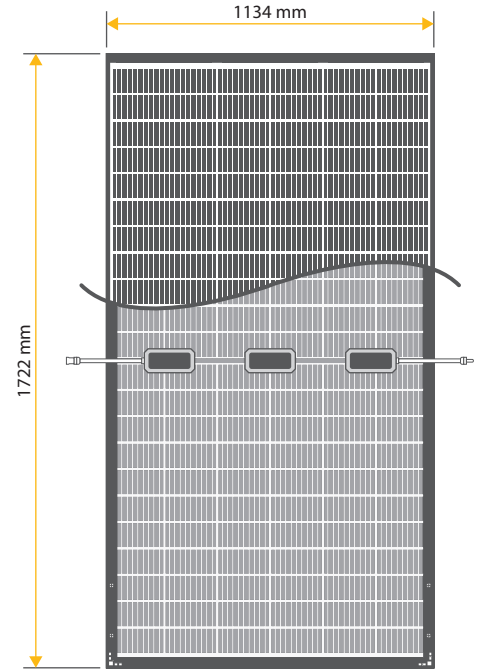


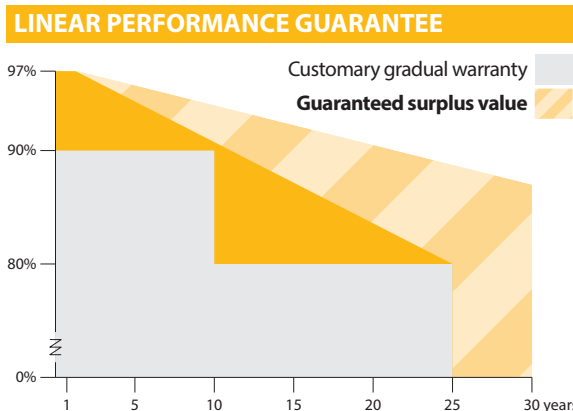
BS-108M10HBB-GG 395 - 405 W

| MECHANICAL DATA | |
|--------------------|--|
| Module dimensions | 1722 x 1134 x 30 mm |
| Weight | 24,7 kg |
| Frame | Anodized aluminium alloy (black) |
| Frontside | Glass with anti-reflection technology |
| Embedding material | EVA |
| Backside | Glass with anti-reflection technology |
| Solar cells | 108 monocrystalline bifacial half-cells 9BB |
| Bifaciality | 70% (bifaciality coefficient = P_{max} backside (STC) / P_{max} frontside (STC), tolerance: $\pm 10\%$) |
| Connection | IP \geq 68, 3 bypass diodes |
| Cable & connector | 1x4 mm ² , 1200 mm, MC4 compatible |






| OPERATIONAL CONDITIONS | |
|------------------------|---------------------|
| Operating temperature | -40 to 85°C |
| Static load | 5400 Pa (snow/wind) |
| Hail | Ø 25 mm at 23 m/s |

| ELECTRICAL DATA ¹ | | BS-395-108M10HBB-GG | BS-400-108M10HBB-GG | BS-405-108M10HBB-GG |
|---|-------------------|---------------------|---------------------|---------------------|
| Maximum power | P_{max} (W) | 395 | 400 | 405 |
| Power output tolerance | P_{max} (%) | 0 ~ +3 | 0 ~ +3 | 0 ~ +3 |
| Open circuit voltage | V_{oc} (V) | 37,03 | 37,20 | 37,36 |
| Short circuit current | I_{sc} (A) | 13,59 | 13,68 | 13,78 |
| Voltage at max. power | V_{mpp} (V) | 31,00 | 31,17 | 31,36 |
| Current at max. power | I_{mpp} (A) | 12,75 | 12,84 | 12,92 |
| Module efficiency | η_m (%) | 20,23 | 20,48 | 20,74 |
| Nominal operating cell temperature | NOCT (°C) | 45 ± 2 | | |
| Temperature coefficient of V_{oc} | $T_k (V_{oc})$ | -0,270%/°C | | |
| Temperature coefficient of I_{sc} | $T_k (I_{sc})$ | +0,048%/°C | | |
| Temperature coefficient of P_{mpp} | $T_k (P_{mpp})$ | -0,320%/°C | | |
| Maximum system voltage DC (TÜV) | (V) | 1500 | | |
| Maximum series fuse rating | (A) | 30 | | |
| Bifaciality performance increase: [*] <small>*depending on Albedo and irradiation conditions at the installation site</small> | 10% P_{mpp} (W) | 434 (+39) | 440 (+40) | 445 (+40) |
| | 20% P_{mpp} (W) | 474 (+79) | 480 (+80) | 486 (+81) |
| | 30% P_{mpp} (W) | 513 (+118) | 520 (+120) | 526 (+121) |



| WARRANTY CONDITIONS ² | |
|----------------------------------|------------------------------------|
| Product warranty | 30 years |
| Performance guarantee | 30 years (min. 87% after 30 years) |

| QUALIFICATION & CERTIFICATION | |
|-------------------------------|---|
| IEC 61215 | IEC 61730 |
| Fire Class A |    |

| PACKAGING UNITS | |
|--------------------|---------|
| Modules per pallet | 35 pcs |
| Modules per truck | 910 pcs |

¹Values under Standard Test Conditions (STC): air mass 1,5 AM, irradiance 1000 W/m², cell temperature 25°C. STC measuring tolerance: $\pm 3\%$ (P_{max}), $\pm 10\%$ (V_{max} , I_{mpp} , V_{oc} , I_{sc}). ²Nominal value is specified in the written warranty conditions. A possible light-induced degradation in power is not taken into account. The beneficiary under the reinsurance policy of MunichRe is solely Bauer Solar GmbH. Please contact us to get information on how this insurance coverage benefits you as a customer. Note: Please read safety instructions and installation manual before using this product. Subject to change. © 2021 Bauer Solar GmbH. Effective 28th of april 2022.



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