
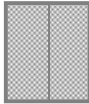
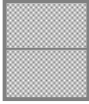
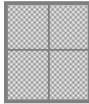
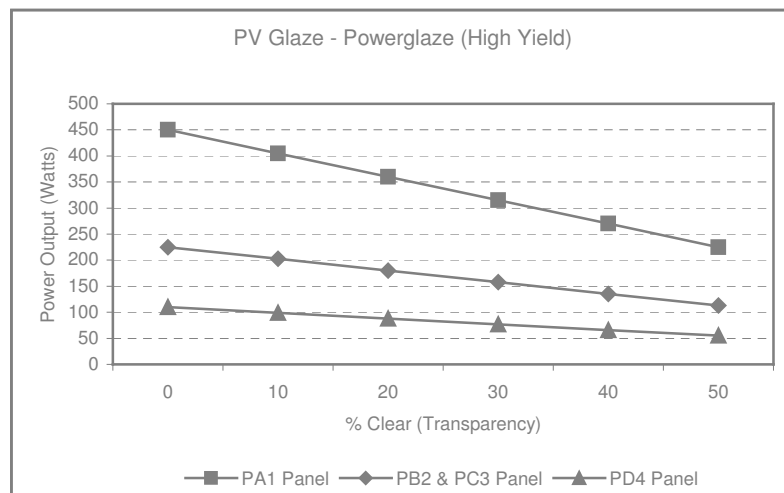


PV Glaze – Powerglaze (High Yield Product)

| Parameter | Units | PA1 Panel | PB2 Panel | PC3 Panel | PD4 Panel |
|---|--------------------|---|--|---|---|
| | |  |  |  |  |
| Physical Specifications | | | | | |
| Size - A axis | mm | 2600 | 2600 | 1300 | 1300 |
| Size - B axis | mm | 2200 | 1100 | 2200 | 1100 |
| Size - Area | m ² | 5.72 | 2.86 | 2.86 | 1.43 |
| Cell Direction | Parallel to A axis | Parallel to A axis | Parallel to A axis | Parallel to A axis | Parallel to A axis |
| Electrical Specifications | | | | | |
| Nominal Power (+/- 5%) - P _{mpp} (Full Opaque) | Watts | 450 | 225 | 225 | 110 |
| Voltage at max powerpoint - V _{mpp} | Volts | 220 | 108 | 220 | 108 |
| Current at max powerpoint - I _{mpp} | Amps | 2.08 | 2.08 | 1.03 | 1.03 |
| Open - circuit voltage - V _{oc} | Volts | 289 | 142 | 289 | 142 |
| Short - circuit current - I _{sc} | Amps | 2.46 | 2.46 | 1.22 | 1.22 |
| Maximum circuit voltage | Volts | 1000 | 1000 | 1000 | 1000 |
| Temperature coefficient nominal power | %/Celsius | -0.28 | -0.28 | -0.28 | -0.28 |
| Temperature coefficient - V _{oc} | %/Celsius | -0.30 | -0.30 | -0.30 | -0.30 |
| Temperature coefficient - I _{sc} | %/Celsius | +0.10 | +0.10 | +0.10 | +0.10 |
| Nominal Power (+/- 5%) - P _{mpp} (0% Clear) | Watts | 450 | 225 | 225 | 110 |
| Nominal Power (+/- 5%) - P _{mpp} (10% Clear) | Watts | 405 | 203 | 203 | 99 |
| Nominal Power (+/- 5%) - P _{mpp} (20% Clear) | Watts | 360 | 180 | 180 | 88 |
| Nominal Power (+/- 5%) - P _{mpp} (30% Clear) | Watts | 315 | 158 | 158 | 77 |
| Nominal Power (+/- 5%) - P _{mpp} (40% Clear) | Watts | 270 | 135 | 135 | 66 |
| Nominal Power (+/- 5%) - P _{mpp} (50% Clear) | Watts | 225 | 113 | 113 | 55 |
| Nominal Power (+/- 5%) - P _{mpp} (60% Clear) | Watts | 180 | 90 | 90 | 44 |
| Nominal Power (+/- 5%) - P _{mpp} (70% Clear) | Watts | 135 | 68 | 68 | 33 |
| Nominal Power (+/- 5%) - P _{mpp} (80% Clear) | Watts | 90 | 45 | 45 | 22 |
| Nominal Power (+/- 5%) - P _{mpp} (90% Clear) | Watts | 45 | 23 | 23 | 11 |

Values are based on Standard Test Conditions (STC): 1000 Watts/M², 25 Celsius, AM 1.5
 Compliance: IEC 61646, IEC 61730 and UL 1703
 Preliminary specifications - subject to change



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