



GH230M156

Mechanical Data

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|-------------------------|--------------------------------------|
| Solar Cell | High Efficiency Monocrystalline Cell |
| Cell Efficiency | 18,20 ~ 18,40% |
| Cell Size | 6" |
| Number of Cells | 54 (6x9) |
| Dimensions (new) | 1480x992x46mm |
| Weight | 18kg |
| Cable Lengths | 1000mm |
| Connectors | IP67, MC4 Compatible |
| Number of Bypass Diodes | 3 |

Electrical Data

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|-----------------------------|--------------------------|
| Rated Current (Imp) | 8.22A |
| Rated Voltage (Vmp) | 28.57V |
| Short Circuit Current (Isc) | 8.75A |
| Open Circuit Voltage (Voc) | 33.91V |
| Fill Factor | 0.79 |
| Rated Power (Pmax) | 230Wp (0%/+3% tolerance) |
| Module Efficiency | 15.7% |
| Maximum Forward Current | 30A |
| Maximum System Voltage | 1000V DC |

Warranties & Certifications

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|------------------------------|-------------------------|
| Product Warranty | 12 years |
| Power Warranty (90% of Pmax) | 12 years |
| Power Warranty (80% of Pmax) | 25 years |
| Certificates | IEC 61215, IEC61730, CE |

Operating Conditions

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|-----------------------|----------------|
| Operating Temperature | -40°C to +85°C |
| Mechanical Load | >5400Pa |

Temperature Data

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|---|-----------|
| Nominal Operation Cell Temperature (NOCT) | 45°C |
| Current Temperature Coefficient | 0,04%/°C |
| Voltage Temperature Coefficient | -0,32%/°C |
| Power Temperature Coefficient | -0.35%/°C |



Specifications in these datasheets are subject to changes without prior notice.