

# 535 / 540 / 545 / 550

## GHxxxM10T-B66HST

### ~10% transparent area



#### Agrisolar Applications

Combining agriculture and electricity generation.



#### Optimized light management

Improving growth conditions while maintaining energy production.



#### Environmentally friendly product

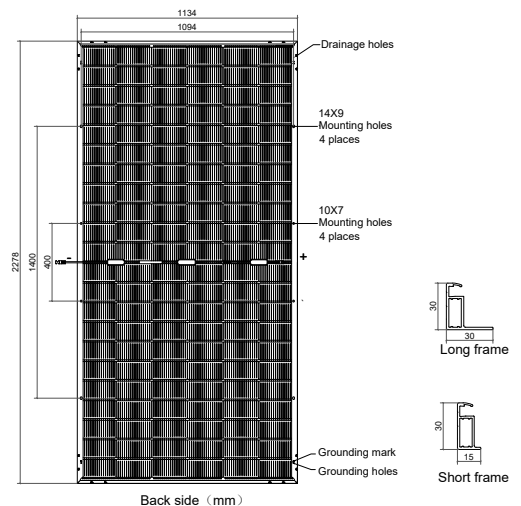
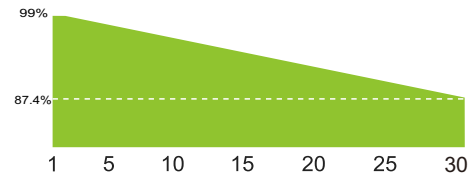
Focus on the circular economy – low carbon footprint, PFAS-free, and recyclable components.

### Electrical Specifications at STC

| Maximum Power (Pmax/W)                                                                          | 535    | 540    | 545    | 550    |
|-------------------------------------------------------------------------------------------------|--------|--------|--------|--------|
| Maximum Power Current (Imp/A)                                                                   | 13.28  | 13.34  | 13.40  | 13.45  |
| Maximum Power Voltage (Vmp/V)                                                                   | 40.34  | 40.54  | 40.74  | 40.94  |
| Short-circuit Current (Isc/A)                                                                   | 14.02  | 14.08  | 14.14  | 14.20  |
| Open-circuit Voltage (Voc/V)                                                                    | 48.18  | 48.38  | 48.58  | 48.78  |
| Module Efficiency (%)                                                                           | 20.71% | 20.90% | 21.10% | 23.16% |
| Bifaciality: 80%±5%      STC: AM1.5 1000W/m <sup>2</sup> 25°C      Measurement uncertainty: ±3% |        |        |        |        |

15 Years Product Warranty

30 Years Peak Power Warranty



### Mechanical Data

| Cell Type           | N type Mono-crystalline                           |
|---------------------|---------------------------------------------------|
| Cell Arrangement    | 132(6x22)                                         |
| Module Dimensions   | 2278x1134x30mm                                    |
| Weight              | 31.7kg                                            |
| Module Structure    | Glass/Encapsulant/Glass                           |
| Glass Thickness     | 2.0mm+2.0mm                                       |
| Safety Class        | Class II                                          |
| Junction Box Rating | IP68                                              |
| Cables+connector    | 4mm <sup>2</sup> /(+)110mm;(-)350mm or Customized |
| Connector Type      | PV-ZH202B or MC4-EVO 2A (1500V)                   |

### Packaging

| Pallet Dimensions    | 2320×1140×1250mm |
|----------------------|------------------|
| Container            | 40'HQ            |
| Pieces per Pallet    | 36               |
| Pieces per Container | 720              |

### Temperature Characteristics

| Nominal Module Operating Temperature | 42±2°C     |
|--------------------------------------|------------|
| Temperature Coefficient of Isc       | +0.048%/°C |
| Temperature Coefficient of Voc       | -0.25%/°C  |
| Temperature Coefficient of Pmax      | -0.29%/°C  |

### Maximum Ratings

| Operating Temperature  | -40°C to +85°C          | Maximum Series Fuse Rating | 30A |
|------------------------|-------------------------|----------------------------|-----|
| Maximum Load Capacity  | Snow 5400Pa/Wind 2400Pa | Number of Diodes           | 3   |
| Maximum System Voltage | 1500V DC (IEC)          |                            |     |

Statement: DMEGC reserve the right optimize the above data from time to time.

Ver: 20250815