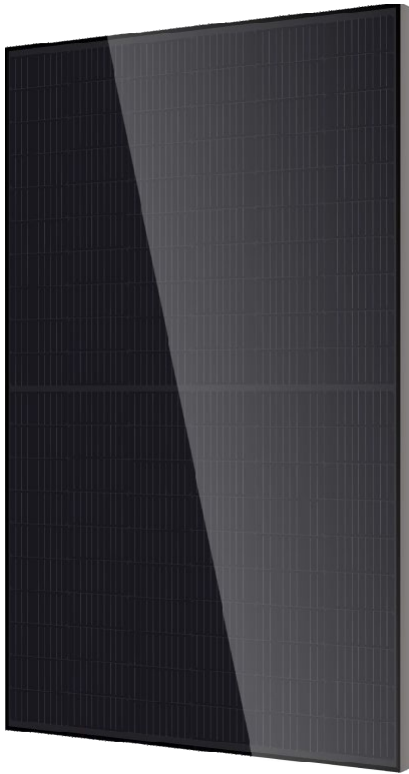




# 365/ 370/ 375/ 380

## DM380M6 -60HBB-S



Tier 1



### Technology

High module conversion efficiency through superior manufacturing technology



### Service

High level customer service with local sales and support teams



### Quality

Manufactured according to International Quality and Environmental Management Systems (ISO9001, ISO14001)



### Social responsible

Ecovadis' silver medal winner ISO 45001 certified and Low carbon footprint



### Warranty

12 years Product Warranty  
25 years Peak Power Warranty

POWERED BY



## Integrated cell-string optimizer

In-field replaceable



### Safer

Less connectors, hotspot mitigation and overtemperature module-level shutdown lowers (fire) risk



### Superior performance

3 MPPT's per module provide up to 20% higher and more reliable energy yield



### Next gen diagnostics

Free-of-charge 4G connectivity with cell-string level data enables next generation cloud diagnostics



### Easier installation

Module integration saves installation time. Moreover, taylor is compatible with selected 3<sup>rd</sup> party string inverters



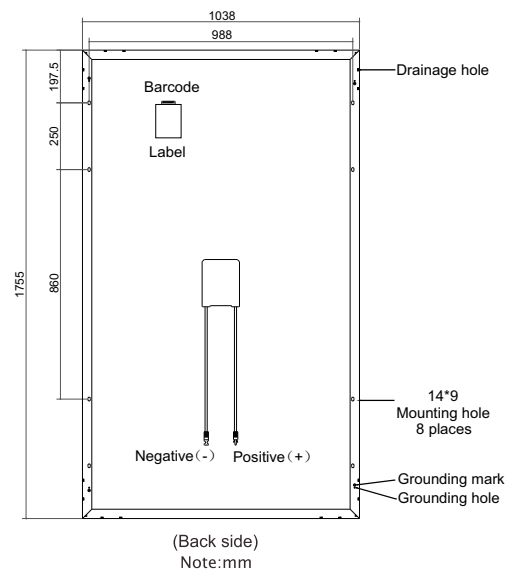
# taylor.

## Electrical Specifications \* With Taylor test junction box STC irradiance of 1000W/m<sup>2</sup> spectrum AM 1.5 and cell temperature of 25°C

| Module Type     | Pm(W) | Tolerance | Imp(A) | Vmp(V) | Isc(A) | Voc (V) | Module Efficiency |
|-----------------|-------|-----------|--------|--------|--------|---------|-------------------|
| DM365M6-60HBB-S | 365   | 0/+3%     | 10.73  | 34.02  | 11.18  | 41.81   | 20.04%            |
| DM370M6-60HBB-S | 370   | 0/+3%     | 10.83  | 34.17  | 11.29  | 41.96   | 20.31%            |
| DM375M6-60HBB-S | 375   | 0/+3%     | 10.93  | 34.32  | 11.40  | 42.11   | 20.59%            |
| DM380M6-60HBB-S | 380   | 0/+3%     | 11.03  | 34.47  | 11.51  | 42.26   | 20.86%            |

## Mechanical Data & Standards

|                     |   |
|---------------------|---|
| Cell Type           | P type Mono-crystalline   |
| Cell Arrangement    | 120(6x20)   |
| Module Structure    | Glass/Encapsulant/Backsheet<br>(Cell ribbons and air side of backsheet are in white color ) |
| Glass Thickness     | 3.2mm   |
| Protection Class    | Class II  |
| Junction Box Rating | IP67  |
| Cables              | 4mm <sup>2</sup> /1200mm  |
| Connector Type      | MC4   |
| Fire Rating Class   | Class C   |
| EMC conformity      | N° 2014/40/EU   |



## Maximum Ratings

|                            |  |
|----------------------------|--|
| Operating Temperature      | -40°C to +85°C                               |
| Maximum System Voltage     | 1000V DC (IEC)                               |
| Maximum Series Fuse Rating | 20A (Comply with Taylor installation manual) |
| Voc at Safe Mode           | 1.1±10% DC V                                 |

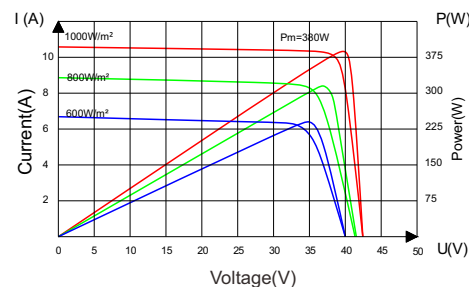
## Packaging

|                      |                |
|----------------------|----------------|
| Module Dimensions    | 1755x1038x35mm |
| Weight               | 21kg           |
| Container            | 40' HQ         |
| Pieces per Pallet    | 31             |
| Pieces per Container | 806            |

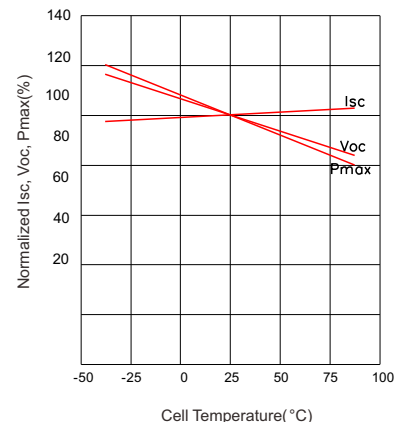
## Temperature Characteristics Of DC in

|                                 |             |
|---------------------------------|-------------|
| Temperature Coefficient of Isc  | +0.0487%/°C |
| Temperature Coefficient of Voc  | -0.265%/°C  |
| Temperature Coefficient of Pmax | -0.328%/°C  |

Current-Voltage & Power-Voltage Curve(380W)



Temperature Dependence of Isc, Voc, Pmax(°C)



Note: DMEGC reserves the right of adjusting the above parameters from time to time.



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**taylor.**