



DM 158W Mono Solar Module

Electrical Data

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|------------------------------|-------------|
| Model Name | DM158M-2PK |
| Max-power: (Pmx) | 158W |
| Max-power Voltage: (Vmp) | 18.9V |
| Max-power Current: (Imp) | 8.47A |
| Open-circuit Voltage: (Voc) | 22.7V |
| Short-circuit Current: (Isc) | 8.76A |
| Cell Efficiency | 18% |
| Temperature Range | -40°C~+85°C |
| Max. System Voltage | 1000Vdc |
| Max. Rated Series Current | 15A |
| Power Tolerance | 0/+5W |

STC: 1000 W/m², cell temperature 25 °C, AM=1.5

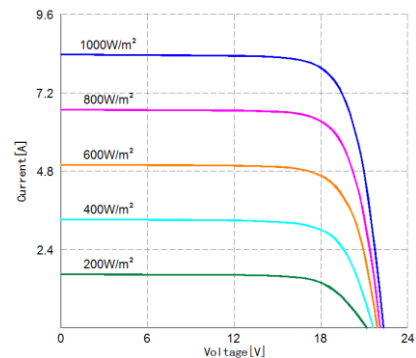


Temperature Coefficients

| | |
|--------------------------------------|------------|
| nominal operating temperature (NOCT) | 46°C±2°C |
| Temperature Coefficients of Pm | -0.48 %/°C |
| Temperature Coefficients of Voc | -0.34 %/°C |
| Temperature Coefficients of Isc | 0.045 %/°C |

Mechanical Data

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|-----------------------|---|
| Solar Cell | Monocrystalline 156*156mm |
| No. of cells | 36 (4*9) |
| Dimension | 1480*675*35mm |
| Weight | 12Kg |
| Front glass thickness | 3.2mm |
| Frame | Anodize oxidation aluminum |
| Junction box type | IP65 |
| Output cables | 2PFG 1169 PV1-F 1*4mm ² , symmetrical length 900mm |
| Connector | Integrated cross lock connector (Compatible with MC4) |



Warranty

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| Warranty | 25 Year Limited Performance Warranty |
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Packing

| Packing | 20' | 40' GP |
|------------------|-----|--------|
| unit/box | 1 | 1 |
| box/pallet | 48 | 48 |
| pallet/container | 10 | 22 |
| unit/container | 480 | 1056 |

