



8T (ultra-clear) Non-slip glass + 1.52 PVB + 3.2 CdTe solar cell+1.52 PVB+8T glass

Warranty:

- 10 years materials and workmanship.
- 25 years power output guarantee for:
 - 90% of nominal output during 1st 10 years & 80% over 25 years
 - End-of-life modules will be collected&recycled by AST at no cost

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CdTe Anti-slip Black BIPV Footpath module

AST-FP-B-50

Specifications

Electrical Specifications

(at STC: 1000W/m², 25°C, AM1.5)

| | |
|-------------------------------|-------|
| Nominal Power (Pm), W | 50.00 |
| Open Circuit Voltage (Voc), V | 58.00 |
| Voltage at max. Power (Vm), V | 43.20 |
| Current at max. Power (Im), A | 1.16 |

System Properties (at STC)

| | | |
|-----------------------------|------------------|--------------|
| Maximum System Voltage, V | V _{sys} | 1000 (600UL) |
| Limiting Reverse Current, A | I _R | 2.5 |
| Maximum Series Fuse, A | I _{CF} | 2 |

Temperature Coefficients (at STC)

| | |
|--|-----------|
| Temperature Coefficients of I _{sc} , %/°C | 0.06 |
| Temperature Coefficients of Voc, %/°C | -0.321 |
| Temperature Coefficients of P _m , %/°C | -0.214 |
| Operating Temperature range, °C | -40 to 85 |

Mechanical Specifications

| | |
|----------------------|-------------------------------|
| Lengthxwidth | 600mmx600mm |
| Thickness | 22mm (with junction box 40mm) |
| Weight | 20.0kg |
| Frame | None |
| Lead Cable | 2.5mm ² 580mm |
| Connectors | MC4 |
| Bypass Diode | 10A |
| Cell Type | CdTe |
| Module structure | 8T+PVB+3.2+Cells+PVB+8T |
| Junction box | Black, IP68 |
| Cover&Back Glass | Tempered |
| Friction coefficient | >60% |
| Load capacity | 2000 kg |
| Surface strength | >90 Mpa |

Packaging Configuration

| | |
|---------------------------|------------|
| Modules Per Pallet | customised |
| Pallet Weight | |
| Pallet Dimensions | |
| Modules Per 40' Container | |