

Aktenzeichen:

5019318-3972-0001

File number:

Aufbau-Übersicht für PV-Module

Materialien qualifiziert für Widerstandsfähigkeit gegen Salznebel-Korrosion nach IEC 61701:2011

Constructional data for PV-modules

Materials qualified to withstand salt-mist corrosion in acc. with IEC 61701:2011

| Beschreibung des Aufbaus <i>Description of construction</i> | A) – BR) severity 6 |
|---|---|
| Modul-Bemessungsleistung (P_{max}) <i>Rated output of module (P_{max})</i> | Refer to Annex 600 |
| Bemessungsspannung im Punkt maximaler Leistung (U_{mpp}) <i>Rated volt. at max. power point (U_{mpp})</i> | Refer to Annex 600 |
| Bemessungsstrom (I_{mpp}) <i>Rated current (I_{mpp})</i> | Refer to Annex 600 |
| Bemessungsleerlaufspannung (U_{oc}) <i>Rated open circuit voltage (U_{oc})</i> | Refer to Annex 600 |
| Bemessungskurzschlussstrom (I_{sc}) <i>Rated short circuit current (I_{sc})</i> | Refer to Annex 600 |
| Maximale Systemspannung <i>Max. system voltage</i> | Refer to Annex 600 |
| Modulabmessung <i>Dimensions</i> | Refer to Annex 600 |
| Gewicht <i>Weight</i> | Refer to Annex 600 |
| Zellenhersteller <i>Manufacturer of cells</i> | Refer to Annex 600 |
| Zelltyp <i>Type of cells</i> | Refer to Annex 600 |
| Anzahl Zellen pro Modul <i>Number of cells per Module</i> | Refer to Annex 600 |
| Zellverbinder <i>Cell connector</i> | Refer to Annex 600 |
| Stringverbinder <i>String connector</i> | Refer to Annex 600 |
| Front Material <i>Front material</i> | Tempered Glass, min. 3.2 mm with optional AR Coating |
| Verkapselung <i>Encapsulation material</i> | Refer to Annex 600 |
| Rückseitenmaterial <i>Backsheet material</i> | Cybrid: Cynagard205A(R). |
| Anschlussdose <i>Junction box</i> | Jiaming Tianheyuan: JM27B Zhejiang Renhe: FT50xy |
| Bypassdiode <i>Bypass-diode</i> | Jiaming Tianheyuan: THY2550 Zhejiang Renhe: FMK4530T |
| Anschlussleitung <i>Supply cord</i> | H1Z2Z2-K, 4 mm ² |
| Anschlusstecker <i>Connector</i> | Jiaming Tianheyuan: PV-JM601A Zhejiang Renhe: 05-8 |
| Dosenkleber <i>Junction box adhesive</i> | Minghao: MH-3668 Shanghai Huitian: HT906Z |
| Vergussmasse Anschlussdose <i>Potting material J-box</i> | Huitian: 5299W-S |
| Rahmen <i>Frame</i> | Aluminium |
| Rahmenkleber <i>Frame adhesive</i> | Minghao: MH-3668 Shanghai Huitian: HT906Z |
| Weitere Informationen <i>Further information</i> | N/A |

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