

Solar modules ✕

Brand

Model

Parameters that characterize the solar module

|           |                                    |                 |
|-----------|------------------------------------|-----------------|
| Pmax      | <input type="text" value="255"/>   | Wp              |
| Vmp       | <input type="text" value="30"/>    | V               |
| Imp       | <input type="text" value="8.5"/>   | A               |
| Voc       | <input type="text" value="37.4"/>  | V               |
| Isc       | <input type="text" value="9.09"/>  | A               |
| $\mu$ Voc | <input type="text" value="-0.31"/> | V/°C            |
| $\mu$ Isc | <input type="text" value=".05"/>   | A/°C            |
| Ns        | <input type="text" value="60"/>    |                 |
| ACELL     | <input type="text" value="243.4"/> | cm <sup>2</sup> |
| Rsh       | <input type="text" value="300"/>   | Ohm             |

Parameters that characterize the test conditions

|        |                                  |                   |
|--------|----------------------------------|-------------------|
| NOCT   | <input type="text" value="45"/>  | °C                |
| ITNOCT | <input type="text" value="0.8"/> | kW/m <sup>2</sup> |
| Tcref  | <input type="text" value="25"/>  | °C                |
| Itrref | <input type="text" value="1"/>   | kW/m <sup>2</sup> |

Type  Thin film  Crystalline