



**SEAWARD**  
ELECTRICAL SAFETY TESTING  
& MEASURING.

## Can I use an infrared thermometer to measure the PV module temperature?

The accuracy of any infrared temperature measuring device is influenced by the emissivity (ability to emit infrared energy) of the surface being measured. An infrared thermometer should only be used if it has been calibrated for the PV module backsheet emissivity such that the temperature measurement accuracy meets the  $\pm 1$  °C required by IEC 61829:2015

If you require more help, please contact us at  
<https://www.seaward.com/cms/enquiry/>.