

Model BS-500BK Si Photodiode detector

(for crystalline silicon solar cells)

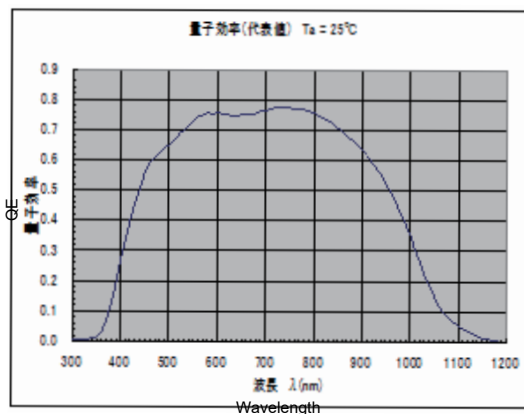


The BS-500BK is the Photodiode detector which is calibrated by the solar simulator whose light intensity is calibrated by the secondary reference crystalline silicon solar cell.

The BS-500BK show the similar spectral response to those shown by the monocrystal and polycrystal silicon wafer.

- The BS-500BK can be used to adjust the light intensity of the solar simulators that evaluate the output of crystalline solar cells.
- The crystalline solar cells show the sensitivity in the wide wavelength range. The BS-500BK shows the similar spectral response to those of the monocrystal and polycrystal wafers.
- The current value in 1SUN is described on each of BS-500BK detector.
- The spectral response data for each BS-500BK can be offered optionally.

< Data for EQE of BS-500BK >



How to use BS-500BK

1. Turn on the light of the solar simulator.
2. Place the BS-500BK detector to the irradiation area.
3. Set the alligator clips on the pins of the BS-500BK and then connect the cables to the circuit tester
4. Check the value of the output current of the BS-500BK.
5. Adjust the irradiation intensity of the solar simulator to the current value described on the BS-500BK detector.

●The specifications and appearance of the BS-500BK are subject to change without prior notice.

< BS-500BK-1708023N >

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