Abstract

Nowadays, design of the modules of the solar cells (PV modules) makes these cells completely attached to the coat of the glass. Therefore, damaging of the cover glass lead to replace the PV module totally. Furthermore, it is means loss in the solar cells despite being correct and does not damage. This paper proposed solution based on a lamination layer between solar cells and the tempered glass of the PV module to show the feasibility from these PV modules even after the cover glass damaging.

References

Design of PV Modules Including a Layer between Solar Cells and Glass Cover to Increase PV Module Lifetime


Index Terms

Computer Science Circuits and Systems

Keywords

Anti-Reflecting Coating Layer (ARC Layer), Photovoltaic modules (PV modules).