



Striving for a standard protocol for preconditioning or stabilization of polycrystalline thin film photovoltaic modules

By -

No binding. Book Condition: New. This item is printed on demand. Original publisher: Golden, Colo. : National Renewable Energy Laboratory, 2009 OCLC Number: (OCoLC)727282829 Subject: Photovoltaic cells -- Stability. Excerpt: . . . Performance changes in CdTe A, B, C modules due to stabilization procedures Module odd even numbers and dark light colors dark light exposures after dark 90 C anneal Changes plotted relative to baseline 20) initial preconditioning outdoor STC 10 exposures result in small changes (0 -10 A1 dark 90 C anneal A2-20 B1 degrades performance of Bs due to FF -30 B2 C1 10 recovers performance of A and C 0 increases Voc for all modules FF A1-10 A2 exposures subsequent to dark anneal B1-20 B2 keep A1, A2 gains in dark light exposures C1-30 B1 improves in dark soak, B2 improves 10 st at 1 then degrades in light soak 5 oc C1 slowly loses gains in dark-soak V 0 A1 Performance () post dark anneal STC-5 A2 2 B1 A2, B1 moderately stabilized (2) STC 0 B2 Isc after 3 exposures C1-2 rest not stabilized (2) -4 STC P o 4 o 2 o 4-6 48 1 9...



READ ONLINE
[7.32 MB]

Reviews

A must buy book if you need to adding benefit. It can be rally fascinating through studying period of time. I am just happy to explain how this is the very best ebook i actually have read within my individual existence and could be he finest book for ever.

-- *Cydney Hand*

Excellent e-book and useful one. It can be rally intriguing through looking at time period. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- *Pasquale Klocko*