

ContainerPower Energy Solutions

Single crystal heterojunction solar panels



Overview

Heterojunction solar cells (HJT), variously known as Silicon heterojunctions (SHJ) or Heterojunction with Intrinsic Thin Layer (HIT), are a family of technologies based on a formed between semiconductors with dissimilar . They are a hybrid technology, combining aspects of conventional crystalline solar cells with .

HJT cells combine the benefits of crystalline silicon with thin-film technologies. These cells are constructed based on an N-type monocrystalline silicon substrate, with non-doped amorphous silicon layers (i-a-Si:H) deposited on its surface.

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