

Title: C3mj solar panels

Generated on: 2026-07-13 13:46:44

Copyright (C) 2026 KALELA SOLAR. All rights reserved.

For the latest updates and more information, visit our website: <https://www.jaroslavhoudek.pl>

Consult Spectrolab Inc's C3MJ+ 39.2% Point Focus Solar Cells brochure on AeroExpo. Page: 1/2.

Epitaxial Structure Triple junction solar cell on Germanium substrate GaInP (1.88 eV) / GaInAs (1.41 eV) / Ge (0.67 eV)

Cells are supplied fully tested and sorted into performance bins based on measured current at 2.68V load. Parts are supplied in waffle trays. 2009 Spectrolab, Inc. All Rights Reserved Specifications ...

The aim of this paper is to simulate the behavior of a C3MJ+ triple-junction solar cell by determining its J-V characteristics curve and its P-V curve.

The evolutionary C3MJ+ and the C4MJ cell technologies are the latest in a sequence of CPV solar cell designs, with conversion efficiencies approaching or greater than 40%.

CPV Small Aperture Point Focus Solar Cell C3MJ Third Generation CPV Technology Product Description
Typical Efficiency 38.5% Recommended operating temperature $\pm 110^{\circ}\text{C}$

PDF | On Nov 1, 2016, Mensah K. Anaty and others published Modeling and simulation of a C3MJ+ triple junction solar cell using Matlab/Simulink | Find, read and cite all the research you need...

Web: <https://www.jaroslavhoudek.pl>

