Journal of Materials Chemistry A



CORRECTION

View Article Online
View Journal | View Issue



Cite this: J. Mater. Chem. A, 2015, 3, 9317

DOI: 10.1039/c5ta90073e

www.rsc.org/MaterialsA

Correction: Structure and function relationships in alkylammonium lead(||) iodide solar cells

Majid Safdari, ^a Andreas Fischer, ^a Bo Xu, ^b Lars Kloo ^a and James M. Gardner *a

Correction for 'Structure and function relationships in alkylammonium lead(II) iodide solar cells' by Majid Safdari et al., J. Mater. Chem. A, 2015, DOI: 10.1039/c4ta06174h.

A row from Table 3, and a phrase from the caption, were not included in the manuscript. The correct Table 3 is shown below. **Table 3** Photovoltaic parameters (average values of 5 devices) of the MAPbI₃, EAPbI₃ and PAPbI₃ devices. 600 nm thick TiO₂ films were used as substrate, and Spiro-OMeTAD was used as the HTM. A 200 nm layer of silver was used as back contact. Conductivity data collected as described in the text.

	$MAPbI_3$	$EAPbI_3$	$PAPbI_3$
$J_{\rm sc}$ mA cm ⁻²	16.29 ± 1.69	0.77 ± 0.14	0.075 ± 0.021
$V_{\rm oc}$ (V)	0.784 ± 0.026	0.662 ± 0.040	0.564 ± 0.034
FF	0.580 ± 0.011	0.521 ± 0.051	0.372 ± 0.034
η (%)	7.4 ± 0.59	0.26 ± 0.025	0.016 ± 0.004
APCE	78.35	2.83	0.18
Band gap (eV)	1.6	2.2	2.4
Conductivity (S cm ⁻¹)	1.1×10^{-4}	1.3×10^{-6}	9.4×10^{-7}

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^aDivision of Applied Physical Chemistry, Department of Chemistry, KTH Royal Institute of Technology, SE-100 44, Stockholm, Sweden. E-mail: jgardner@kth.se bOrganic Chemistry, Center of Molecular Devices, Department of Chemistry, KTH Chemical Science and Engineering, 10044, Stockholm, Sweden