

# Cyclohexylmethyllummonium iodide-based bilateral interface engineering for efficient perovskite solar cells with improved stability and negligible hysteresis

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Table S1 Photovoltaic performance parameters of Control, B-1, S-3 and B-1+S-3

Sample	$V_{oc}$ [V]	$J_{sc}$ [mA·cm <sup>-2</sup> ]	FF [%]	PCE [%]
Control	1.04±0.02	22.97±0.43	68.36±2.37	16.36±0.71
B-1	1.08±0.01	23.64±0.27	72.02±1.33	18.42±0.30
S-3	1.09±0.01	23.57±0.55	73.39±2.89	18.90±0.56
B-1+S-3	1.10±0.01	24.17±0.31	75.70±2.31	20.01±0.42