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Supplementary Information

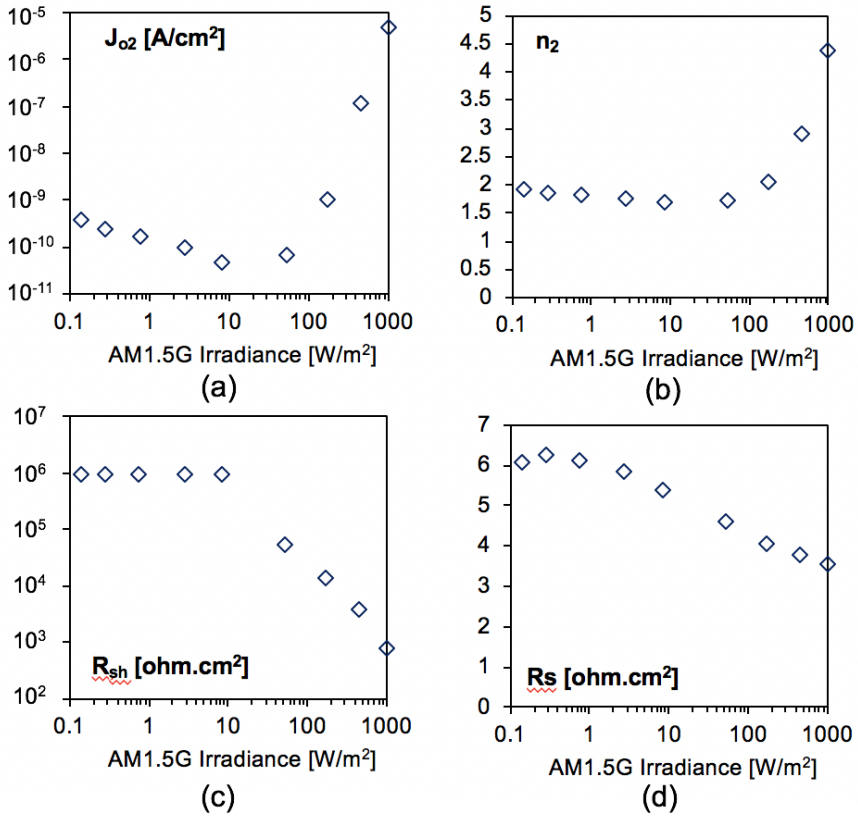


Figure S1: The fitted double diode equation parameters including (a) the reverse saturation current density, J_{o2}, (b) the ideality, (c) shunt resistance, and (d) series resistance.