

Table 4: Summary of Electrical Energy Output

Test No.	Airflow Rate	Ambient Air Temperature	Back-of-panel Temperature	Outlet Air Temperature	Electrical Power Output at 14.5 V	Solar W/m <sup>2</sup>
1	0.6 cfm/ft <sup>2</sup>	21.2 °C	101.3 °C	67.8 °C	0.0 W	889
2	1.0 cfm/ft <sup>2</sup>	21.3 °C	96.5 °C	65.2 °C	5.8 W	895
3	2.0 cfm/ft <sup>2</sup>	21.4 °C	89.4 °C	57.1 °C	14 W	897
6	0.6 cfm/ft <sup>2</sup>	7.4 °C	89.8 °C	55.4 °C	13 W	897
5	1.0 cfm/ft <sup>2</sup>	7.5 °C	85.6 °C	52.6 °C	17 W	896
4	2.0 cfm/ft <sup>2</sup>	7.8 °C	77.7 °C	44.0 °C	25 W	893