

ADAM Power Consumption

6/4/08 Adams up and running for checkout.

One of the power supplies running 3 adams died. It suffered from thermal shutdown and dropped its output to 4vdc killing the adams. It's rating is 12Ain and was operating in the wind tunnel: not encouraging given prospects in central valley. After letting it cool, we restarted and measured the following currents and measured the profile adam running on a second supply:

Adam	Amps	A-total	VDC	Comments
downwind 1	2.3	2.3	13.6	10 sonics
upwind	2.8	5.1	13.6	1x sonics, & etherant worth ~.3
downwind 2	2.9	8	13.6	12 sonics
profile	2.5		12.6	3-trh, licor

We put a 3rd supply to split the larger load.