



DC2000 Current Draw FAQ

Question: How much current does a DC2000 Draw when powering with the 18-30 Vdc option.

Answer:

The current consumption of the following unit was measured with the results as follows:

DC 2000, Color, 18 to 30 Vdc input power, FDD, 6 analog channels, 6 relays (relays were de-energized), RS 485 / RS 232 assembly was not installed. DC2C2-U6-01000.

input Power: 24 Vdc

Bright screen	Dim screen
3 = 370 ma	2 = 250 ma
2 = 250 ma	1 = 190 ma
1 = 190 ma	

FDD formatting with screen full on (3) is 430 ma

Estimated current with 6 relays on is additional 60 ma

Estimated current of the RS 485 / RS 232 is less than 20 ma

Estimated max current of running data chart is less than 500 ma.

Estimated Power consumed at 24 Vdc x .5A = 12 watts DC input power