Output Voltage & Current Ratings

Single Output Modules

VOLTS	CURRENT (A)	MODULE CODE	MODULE SIZE	VOLTS	CURRENT (A)	MODULE CODE	MODULE SIZE	VOLTS	CURRENT (A)	MODULE CODE	MODULE SIZE	VOLTS	CURRENT (A)	MODULE CODE	MODULE SIZE	VOLTS	CURRENT (A)	MODULE CODE	MODULE SIZE
2 VOLTS				2.2 VOLTS				3 VOLTS				3.3 VOLTS				5 VOLTS			
2.0	20.0	A1	●	2.2	20.0	AA	●	3.0	20.0	AB	●	3.3	20.0	A2	●	5.0	7.0	H3	●
2.0	35.0	J1	●	2.2	35.0	JA	●	3.0	35.0	JB	●	3.3	35.0	J2	●	5.0	20.0	A3	●
2.0	60.0	B1	▲	2.2	60.0	BA	▲	3.0	60.0	BB	▲	3.3	60.0	B2	▲	5.0	35.0	J3	●
2.0	100.0	C1	■	2.2	100.0	CA	■	3.0	100.0	CB	■	3.3	100.0	C2	■	5.0	60.0	B3	▲
																5.0	100.0	C3	■
5.2 VOLTS				5.5 VOLTS				6 VOLTS				8 VOLTS				10 VOLTS			
5.2	7.0	HC	●	5.5	7.0	HD	●	6.0	17.0	AE	●	8.0	12.5	AF	●	10.0	10.0	AG	●
5.2	20.0	AC	●	5.5	20.0	AD	●	6.0	23.0	JE	●	8.0	20.0	JF	●	10.0	18.0	JG	●
5.2	35.0	JC	●	5.5	35.0	JD	●	6.0	50.0	BE	▲	8.0	40.0	BF	▲	10.0	25.0	BG	▲
5.2	60.0	BC	▲	5.5	55.0	BD	▲	6.0	80.0	CE	■	8.0	60.0	CF	■				
5.2	100.0	CC	■	5.5	90.0	CD	■												
11 VOLTS				12 VOLTS				14 VOLTS				15 VOLTS				18 VOLTS			
11.0	4.0	HH	●	12.0	4.0	H4	●	14.0	3.0	HJ	●	15.0	3.0	H5	●	18.0	11.0	JK	●
11.0	10.0	AH	●	12.0	10.0	A4	●	14.0	8.0	AJ	●	15.0	8.0	A5	●	18.0	17.0	BK	▲
11.0	18.0	JH	●	12.0	17.0	J4	●	14.0	14.0	JJ	●	15.0	13.0	J5	●	18.0	25.0	CK	■
11.0	25.0	BH	▲	12.0	25.0	B4	▲	14.0	20.0	BJ	▲	15.0	20.0	B5	▲				
20 VOLTS				24 VOLTS				28 VOLTS				30 VOLTS				33 VOLTS			
20.0	6.0	AM	●	24.0	2.0	H6	●	28.0	5.0	A7	●	30.0	7.0	JN	●	33.0	4.0	AP	●
20.0	10.0	JM	●	24.0	6.0	A6	●	28.0	7.0	J7	●	30.0	11.0	BN	▲	33.0	6.0	JP	●
20.0	17.0	BM	▲	24.0	8.0	J6	●	28.0	14.5	B7	▲	30.0	16.0	CN	■	33.0	11.0	BP	▲
20.0	21.0	CM	■	24.0	17.0	B6	▲	28.0	18.0	C7	■					33.0	14.0	CP	■
				24.0	21.0	C6	■												
36 VOLTS				42 VOLTS				48 VOLTS				54 VOLTS				60 VOLTS			
36.0	4.0	A8	●	42.0	3.0	AR	●	48.0	3.0	A9	●	54.0	2.5	AS	●	60.0	2.0	AT	●
36.0	6.0	J8	●	42.0	5.0	JR	●	48.0	4.0	J9	●	54.0	3.7	JS	●	60.0	3.5	JT	●
36.0	11.1	B8	▲	42.0	8.5	BR	▲	48.0	8.5	B9	▲								
36.0	14.0	C8	■	42.0	10.5	CR	■	48.0	10.5	C9	■								

Dual Output Modules

OUTPUT V1	OUTPUT V2	MODULE CODE	MODULE SIZE
12 V @ 4 A	12 V @ 4 A	G1	●
15 V @ 3 A	15 V @ 3 A	G2	●
12 V @ 4 A	5 V @ 8 A	G3	●
15 V @ 3 A	24 V @ 2 A	G4	●
24 V @ 2 A	5 V @ 8 A	G5	●
5 V @ 8 A	5 V @ 8 A	G6	●
24 V @ 2 A	24 V @ 2 A	G7	●
5 V @ 10 A	5 V @ 10 A	K1	●
5 V @ 10 A	12 V @ 8 A	K2[2]	●
5 V @ 10 A	15 V @ 6 A	K3[2]	●

OUTPUT V1	OUTPUT V2	MODULE CODE	MODULE SIZE
24 V @ 5 A	5 V @ 10 A	K4[1]	●
12 V @ 10 A	12 V @ 4 A	K5[1]	●
15 V @ 8 A	15 V @ 4 A	K6[1]	●
48 V @ 2 A	5 V @ 10 A	K7	●
3.3 V @ 10 A	6.5 V @ 10 A	K8	●
5 V @ 10 A	12 V @ 10 A	D1	▲
12 V @ 10 A	12 V @ 10 A	D2	▲
5 V @ 10 A	24 V @ 5 A	D3	▲
15 V @ 8 A	15 V @ 8 A	D4	▲

Notes

1. Maximum available power is 150 W
2. 25% load required to meet stated noise and ripple on V1 (or increases to 150 mV)

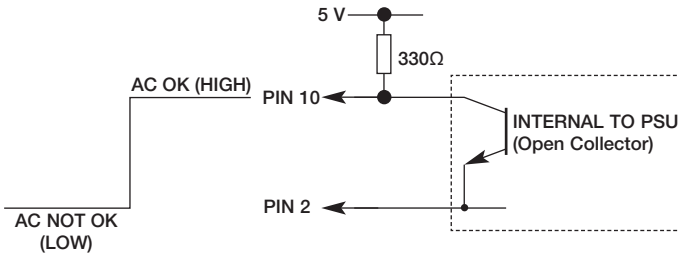
Triple Output Modules

OUTPUT V1	OUTPUT V2	OUTPUT V3	MODULE CODE	MODULE SIZE
5 V @ 20 A	12 V @ 2 A	12 V @ 2 A	E1	▲
5 V @ 20 A	15 V @ 2 A	15 V @ 2 A	E2	▲
12 V @ 10 A	15 V @ 2 A	15 V @ 2 A	E3	▲

AC OK/Power Fail

Module A, J, B, C, E & K.

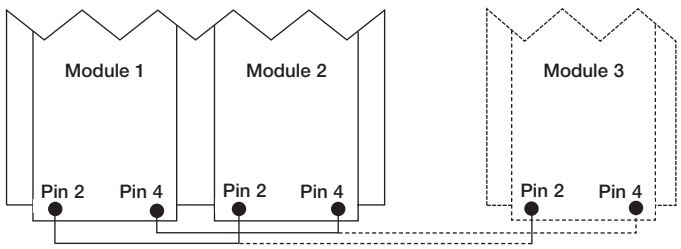
When fitted in module position 1 of the chassis, pins 10 and 2 provide a minimum of 5 ms warning of loss of output regulation.



Current Share

Module A, J, B, C & V1 of E & K.

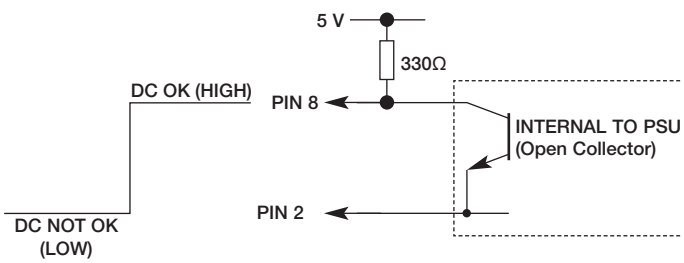
Connecting pins 2 & 4 of like part number modules (3 maximum) within the same chassis or separate chassis will force current share



of the outputs.

DC OK

Module A, J, B, C & V1 of D, E & K.



Pins 8 and 2 provide notification that the output voltage is within regulation via a logic 1.
(Reverse logic option available, i.e. high or DC NOT OK).

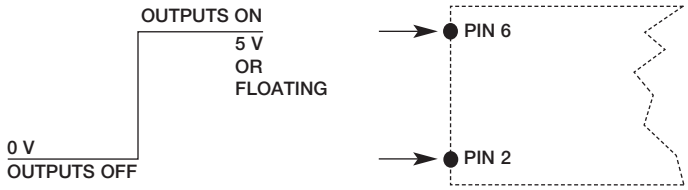
Global Inhibit

Inhibiting the module fitted in position 1 will inhibit all outputs of other modules & the cooling fan. If individual inhibit is required on the module fitted in chassis postion 1 alternate configurations are available, please consult our application engineering team.

Inhibit

Module A, J, B, C, E & K.

Pins 6 and 2 (return) provide on/off control of the module. Applying a logic '0' between these pins turns the outputs off. (E module pins 6



and 7). Open or logic high to enable.

(Reverse logic option available, i.e. high for outputs off, low for outputs on). Reverse logic is standard for the 'J' & 'K' modules via Pin 7.

Lower Earth Leakage Current

All chassis can be supplied with less than 300 µA or 500 µA earth leakage current as an option, conducted EMC is Class A with these options, consult sales for details and part numbering.

Modules in Parallel

Single output modules with the same part number and V1 of dual and triple output modules can be paralleled to obtain increased output current. These modules can be either fitted in the same chassis or different chassis with their outputs connected directly together and current share connections made.

Modules in Series

Single output modules can be connected in series to obtain alternate output voltages not available from a single module.
For example, a 10 V (AG module) can be connected in series with a 6 V (AE module) to obtain an output voltage of 16 V.
For voltages >80 V consult sales for details.

Output Voltage Programming

Module J

The voltage of the 'J' module can be remotely programmed via a 0-5 V signal. Consult sales for details.

Remote Sense

Module A, B, C, K & V1 of E.

Pins 1 (+ve) and 2 (-ve) provide compensation for voltage drops in application wiring up to a maximum of 0.5 V.

Module D.

Pins 2 (V2 -ve) and 7 (V1 -ve) provide compensation for voltage drops in the return of application wiring upto a maximum of 0.25 V.

Module H, G & V2, V3 of E.

Remote sense not fitted.