NEVO600 SERIES
OP7

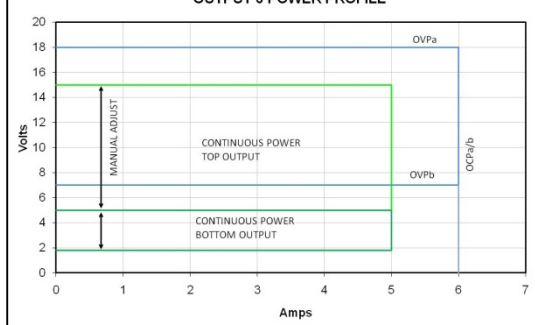
Patents pending

OUTPUT 7 SPECIFICATIONS

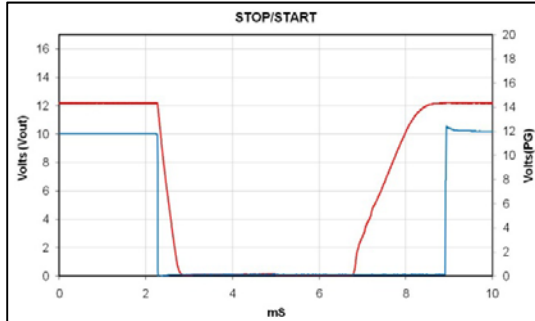
Parameter	Details	Min	Typ	Max	Units
Output voltage range	Top/Bottom channel	1.8/5	3.3/12	5/15	V
Rated current	Each channel			5	A
Rated power	Top/Bottom channel		60/16.5	75/25	Watts
Initial voltage accuracy	Factory set units	-1		1	%
Manual Voltage Adjust	11 turn potentiometer		0.3/0.9		V/turn
Load Regulation	Measured at sense terminals	-50		50	mV
Line Regulation	Measured at sense terminals	-0.1		0.1	%Vnom
Cross Regulation	Measured at sense terminals	-0.2		0.2	%Vnom
Minimum Load				0	Watts
Temperature coefficient		-0.02		0.02	%/°C
Ripple and Noise	20MHz BW, pk-pk			2	%Vset
Transient response (Vset = 5V)	25% to 75% load transient at 1A/uS Recovery to within 10% of Vset			1/0.5	V uS
Turn on rise time	Monotonic 10% to 90%	1		3.5	mS
Turn on overshoot				0.1	%Vset
Turn on delay	AC to PG En to PG		600 15	750 20	mS mS
Holdup voltage				12/5	V
Isolation to ground	Each terminal			250	V
Over current protection	Hiccup mode only	105		130	%rated
Reverse current protection	None				
Short circuit protection (Hiccup mode)	Period Duty cycle		30 1		mS %
Over voltage protection	Latching		20/8		V
Over Temperature protection	Internally monitored. Latching	115		125	°C
Power Good thresholds	High and Low window	68		120	%Vset
Reliability	25°C, 100% load, Telcordia			1	FPMH
Warranty				2	Years
Wire Size		24	22	20	AWG
Weight				60	Grams
Size	60mm x 35mm x 17mm				

Notes: All specifications are believed to be correct at time of publication and are subject to change without notice.

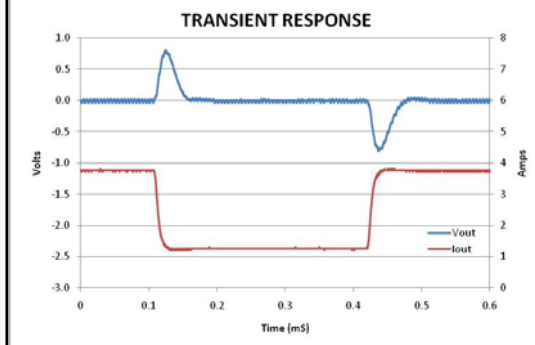
OUTPUT 6 POWER PROFILE



STOP/START



TRANSIENT RESPONSE



TOP Adjust
BOTTOM Adjust

10.60
Dimension with reference to edge of chassis and centre of connector when in Slot A—Slot pitch 18.30mm

16.50
Dimension with reference to top of chassis and centre of connector.

J5

TOP—Positive Output
TOP—Negative Output
BOTTOM—Negative Output
BOTTOM—Positive Output

J5

5
1

J5	
Circuit	Details
1	Top + Sense
2	Top - Sense
3	Open
4	Bottom + Sense
5	Bottom -Sense

REF.	DETAILS	MANUFACTURER	HOUSING	TERMINAL
J1	OUTPUT POWER CONNECTOR: 4 Pin, with Friction lock, 20-24 AWG	MOLEX	430250400	430300001

Notes: 1. Terminal and Wire current rating must exceed maximum output current. 2. Direct equivalents may be used for any connector parts 3. All cables must be rated 105°C min, equivalent to UL1015

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