

I/O Proportional on-board module

High Voltage Power Supplies

UP Series 100V to 500V 2.5W

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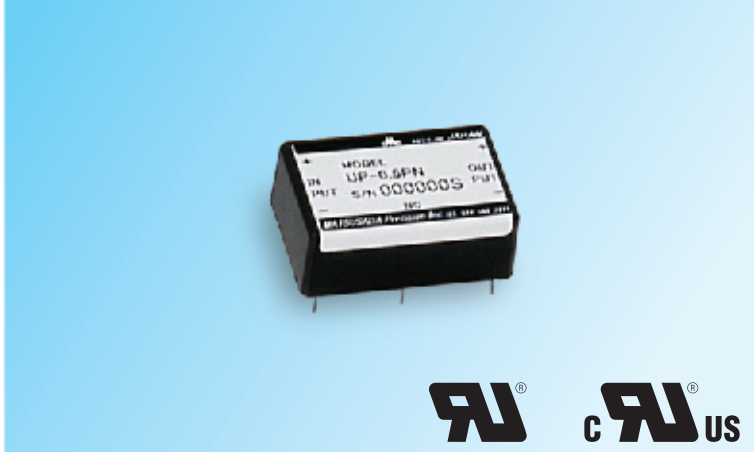
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1048-01Ac



FEATURES

- Miniature Size and High Power
- Low ripple $\leq 0.5\%p-p$
- Input/Output Proportional
- Input/Output Isolation(up to 500V)
- UL60950, CSA No.60950 approved

SUMMARY

UP series is a miniature size on board module featuring high reliability, high power and low ripple. Either polarity can be used.

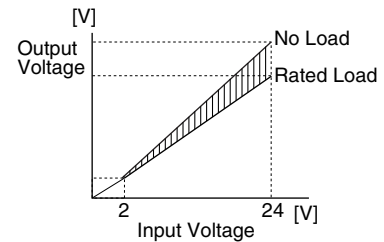
APPLICATIONS

- PMT
- High Voltage Bias
- APD, PD

DIMENSIONS (inch)

1.2L x 0.8W x 0.45H

INPUT/OUTPUT PROPORTIONAL CHARACTERISTIC



Output Voltage (Vdc)	Output Current (mA)	MODEL
100	25	UP- 0.1PN
200	12.5	UP- 0.2PN
300	8.3	UP- 0.3PN
500	5	UP- 0.5PN

SPECIFICATIONS

Input	+2Vdc to +24Vdc 0.18A TYP
Output Power	2.5W Max
Ripple	Less than 0.5%p-p
Regulation	$\leq 5\%$ of max voltage for 20% to 100% load change
Isolation	500Vdc (Input/Output)
Temperature coefficient	0.02%/°C
Protection	Intermittent output short circuit
Temperature range	Operating: -10°C to +50°C Storage: -20°C to +60°C

★ Please contact us for models with higher output voltage.