

NEW • COMPACT 3" X 5" SIZE
• UNIVERSAL INPUT

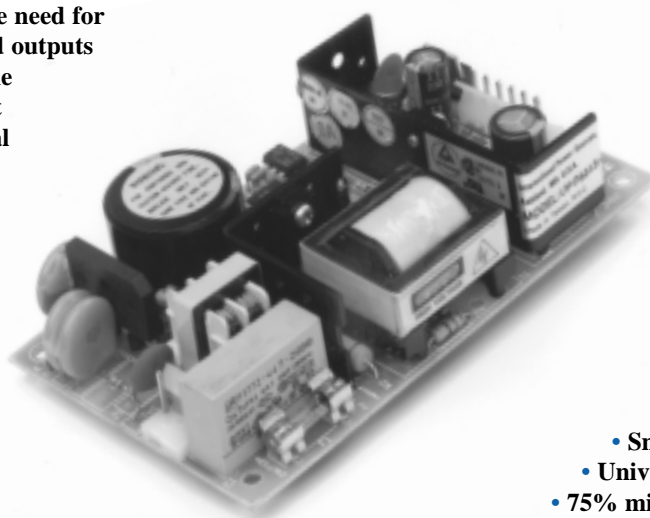
65 WATT

**SWITCHING
POWER SUPPLY**



DESCRIPTION

The UP065 Series are compact open PCB type 65 watt AC/DC switching power supplies. Utilizing the latest technology and components, these units deliver 65 watts of power in only a 3" x 5" package. The UP065 Series accepts a 90-264VAC input without the need for straps or jumpers. The main and third outputs are well regulated to within $\pm 1\%$ while output #2 has significant pulse current capability which make these units ideal for a number of applications. All models are approved to UL, CSA and TUV (per IEC) requirements.



FEATURES

- Small size 3" x 5" x 1.2"
- Universal input
- 75% minimum efficiency
- Built-in EMI filter
- Continuous short circuit protection

OUTPUT VOLTAGE/CURRENT RATINGS CHART

Model	Output #1					Output #2					Output #3				
	Vnom	Imin	Imax	Imax	Imax ³	Vnom	Imin	Imax	Imax	Imax ³	Vnom	Imin	Imax	Imax	Imax ³
UP0651S-01	5V	0A	11A	N/A	14A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UP0651S-02	12V	0A	5.4A	N/A	6.5A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UP0651S-03	15V	0A	4.3A	N/A	5.2A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UP0651S-04	24V	0A	2.7A	N/A	3.3A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UP0653S-01	+5V	0A	5.0A ¹	6.0A ²	9.0A	+12V	0A	2.0A ¹	2.5A ²	3.75A ⁴	-12V	0A	0.5A ¹	0.5A ²	1.0A
UP0653S-02	+5V	0A	5.0A ¹	6.0A ²	9.0A	+12V	0A	2.0A ¹	2.5A ²	3.75A ⁴	-5V	0A	0.5A ¹	0.5A ²	1.0A
UP0653S-03	+5V	0A	5.0A ¹	6.0A ²	9.0A	+15V	0A	1.6A ¹	2.0A ²	3.0A	-15V	0A	0.5A ¹	0.5A ²	1.0A
UP0653S-04	+5V	0A	5.0A ¹	6.0A ²	9.0A	+24V	0A	1.0A ¹	1.25A ²	1.9A ⁴	-12V	0A	0.5A ¹	0.5A ²	1.0A

NOTES:

1. Natural convection cooled with 55W max. total output power.
2. Forced air cooled 20CFM at 1 atmosphere with 65W max. total output power.
3. Peak output current lasting less than one minute with duty cycle less than 5%. Total output power must not exceed 80 watts during peak loading, output regulation may exceed rated limits.
4. The +12V output on all models will accept pulse load currents up to 5A for disk drive applications. The +24V will accept pulse load currents up to 2.5A (for less than 500mS at 10% duty cycle). The average current must be less than the maximum current.

