



TRI-MAG, Inc.
 your POWER Specialists

1601 N. CLANCY CT. • VISALIA, CA 93291
 (559) 651-2222 • FAX (559) 651-0188
<http://www.tri-mag.com>
<http://eemonline.com/tri-mag>
tri-mag@worldnet.att.net

UV480P SERIES 80 WATT— PIN ASSIGNMENT

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13	14
UV480P-1	+5V	+5V	+5V	COM	COM	COM	COM	+12V	-12V	-5V	N/C			
UV480P-20	+5V	+5V	+5V	COM	COM	COM	COM	COM	+3.3V	+3.3V	+3.3V	+3.3V	COM	+12V
UV480P-11	+5V	+5V	+5V	COM	COM	COM	COM	+24V	+24V	COM	-12V	+12V		
UV480P-4	+5V	+5V	+5V	COM	COM	COM	COM	+12V	+12V					
UV480P-15	+12V	+12V	+12V	COM	COM	COM	COM	+5V	+5V					
UV480P-12	+24V	+24V	+24V	COM	COM	COM	COM	+5V	+5V					

UV480P SERIES 80 WATT— OUTPUT SPECIFICATIONS

Model	Voltage (Vdc)	Load (A)			Tolerance ±	Ripple & Noise	Regulation	
		Min.	Rate	Peak			Line	Load
UV480P-1	+5V	1	6.0	10.0	1%	50 mV	± 1%	± 1%
	+12V	0	3.5	6.0	6%	120 mV	± 1%	± 5%
	-12V	0	0.5	1.0	6%	120 mV	± 1%	± 5%
	-5V	0	0.5	1.0	5%	50 mV	± 1%	± 5%
UV480P-20	+5V	0.5	8.0	10.0	1%	50 mV	± 1%	± 3%
	+3.3V	0.5	10	12.0	4%	50 mV	± 2%	+6%/-4%
	+12V	0.1	0.5	1.0	6%	120 mV	± 2%	+12%/-8%
UV480P-11	+5V	2	6.0	10.0	2%	50 mV	± 1%	±1%
	+24V	0	1.5	2.0	5%	240 mV	± 1%	±4%
	+12V	0	0.5	1.0	6%	120 mV	± 1%	±4%
	-12v	0	0.5	1.0	6%	120 mV	± 2%	±7%
UV480P-4	+5V	2	12.0	16.0	1%	50 mV	±1%	±1%
	+12V	0	1.0	1.5	6%	120 mV	±1%	±10%
UV480P-15	+12V	0	6.0	8.0	2%	120 mV	±1%	±1%
	+5V	0	1.0	-	5%	50 mV	±1%	±4%
UV480P-12	+24V	0	3.0	4.0	5%	240 mV	±1%	±1%
	+5V	0	1.0	-	5%	50 mV	±1%	±1%

NOTE:

- Each output can provide up to peak load temporarily. Continuous staying in more than rate load is not allowed.
- At factory, all outputs in 60% rated load condition. Each output is checked to be within the accuracy range while the main output is setting to within the specified accuracy range at rated load.
- Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- Load regulation is defined by changing ±40% of measured output load from 60% rated load at another output set to 60% rated load.
- Ripple & Noise is measured by using 15 MHz bandwidth oscilloscope and terminated each output with a 0.47uF capacitor at rated load and nominal line.
- Hold up time is measured from the end of the last charging pulse to the time which the main output drop down to regulation limit at rated load and nominal line.
- Rated load is maximum loading for flat mounting and free air convection cooling.

Note: Contact factory for Safety Agency Approved status.

All specifications and prices subject to change without notice