



# ETA-USA

THE POWER PROFESSIONALS

## WRD-X-F-W series

## 120 Watt AC/DC Dual Output



### Triple Output

-WRD05X-F-W: 5, 12, 24 VDC - WRD07X-F-W: 3.3, 5, 24 VDC  
 -WRD06X-F-W: 3.3, 5, 12 VDC  
 Active PFC > 0.9 Compact design  
 Short circuit protection - Auto recovery  
 Over temperature protection - Auto shutdown  
 Over load protection - Auto recovery  
 2 year Warranty



		UNIT	
<b>INPUT</b>	<b>Voltage/Freq</b>	V	AC90~ 264V 47~63Hz
	<b>Current Typ.</b>	A	2.5A at 110V AC; .1.25A at 230V AC (I <sub>o</sub> =100%)
	<b>Power Factor</b>	-	>0.9 at 115VAC full load; >0.95 at 230VAC full load
	<b>Inrush Current</b>	A	<40A typ (AC IN 110V, I <sub>o</sub> =100%), <80A typ (AC IN 220V, I <sub>o</sub> =100%) at cold start

		Unit	WRD05X-F-W			WRD06X-F-W			WRD07X-F-W				
<b>OUTPUT</b>	<b>Nominal Voltage</b>	VDC	+5	+12	+24	+3.3	+5	+12	+3.3	+5	+24		
	<b>Efficiency typ</b>	%	80			80			80			Full load	
	<b>Current</b>	A	0 ~10	0.15 ~6	0.15 ~3.5	0~10	0.15 ~3.5	0.15 ~6	0~10	0~10	0.15 ~3.5		*yellow output combined must be <90W
	<b>Line Regulation</b>	mV (max)	±5% nominal output										
	<b>Load Regulation</b>	mV(max)	±5% nominal output										
	<b>Ripple</b>	mVp-p	50	120	240	50	50	120	50	50	240		
	<b>Hold up Time</b>	mS	>16 typ [AC IN 100V ,I <sub>o</sub> =100%]										
	<b>Max Power</b>		120W										
	<b>MTBF</b>	Hours	>100,000 full load and 25C ambient										

<b>Protection</b>	<b>Over Temperature</b>	Auto shutdown
	<b>Over Current</b>	Works at 110% to 160% over rated current and recovers automatically
	<b>Short Circuit</b>	Auto recovery once condition is removed
<b>Environmental</b>	<b>Certification</b>	FCC Class B Part 15, CISPR22 Class B, EN55032 Class B, CE
	<b>Humidity</b>	5% to 95%
	<b>Operating/Storage Temperature</b>	0 to +60C (2.5% derating from 41 to 60 /C ) / -40C to +85C
<b>Safety</b>	<b>CE/CB</b>	IEC 60950-1, EN60950-1, CSA 22.2-60950-1
<b>Size</b>	mm/g	127L x 80.5W x 40H (180) / 500



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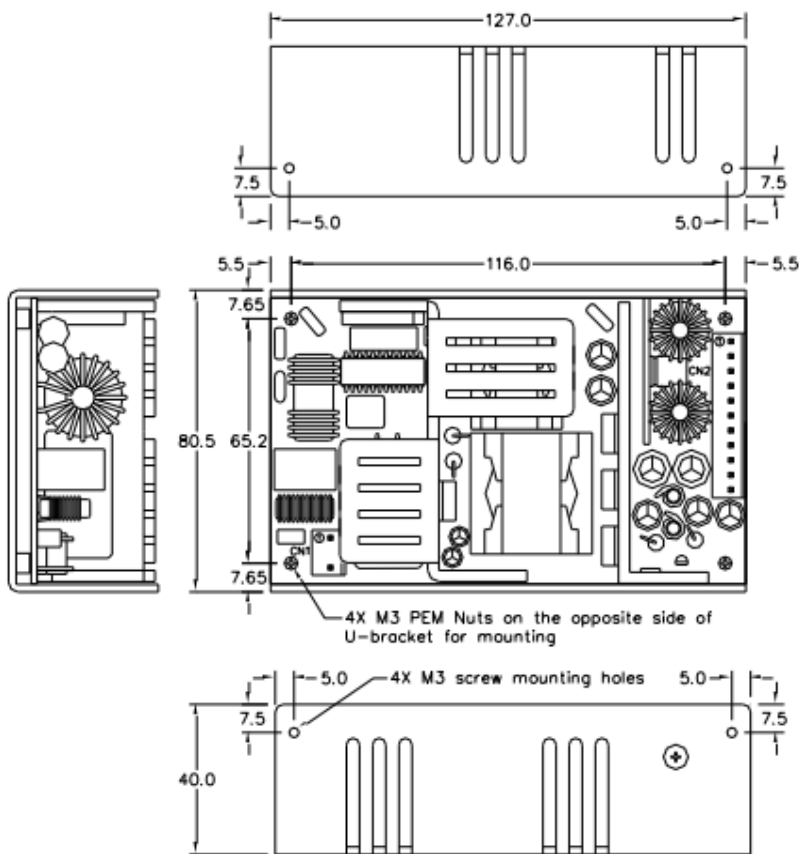
16170 Vineyard Blvd, Suite 180 Morgan Hill, CA 95037 <http://www.eta-usa.com>  
 Toll-free (US only): 800-ETA-POWR (800-382-7697) Telephone: 408 778-2793 FAX: 408-779-2753



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## DIMENSIONAL DRAWING (mm)



Mark	Pin Connection
L	AC input line
N	AC input neutral
FG	AC Chassis Ground



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	OUTPUT PINS										
	1	2	3	4	5	6	7	8	9	10	11
WRD05X-F-W			GND	GND	+5V	+5V	GND	GND	+12V	+12V	+24V
WRD06X-F-W	+3.3V	+3.3V	GND	GND	+5V	+5V	GND	GND	+12V	+12V	-
WRD07X-F-W	+3.3V	+3.3V	GND	GND	+5V	+5V	GND	GND	-	-	+24V



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