

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

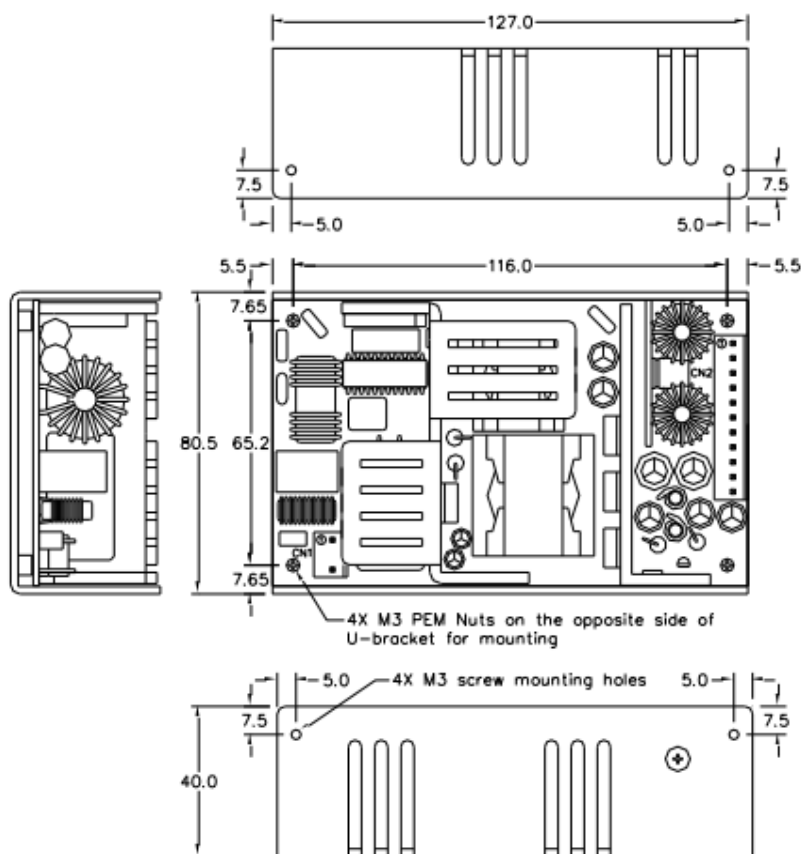


UNIT			
INPUT	Voltage/Freq	V	AC90~ 264V 47~63Hz
	Current Typ.	A	2.5A at 110V AC; 1.25A at 230V AC (I _o =100%)
	Power Factor	-	>0.9 at 115VAC full load; >0.95 at 230VAC full load
	Inrush Current	A	<40A typ (AC IN 110V, I _o =100%), <80A typ (AC IN 220V, I _o =100%) at cold start

Unit			WRD05X-F-W			WRD06X-F-W			WRD07X-F-W				
OUTPUT	Nominal Voltage	VDC	+5	+12	+24	+3.3	+5	+12	+3.3	+5	+24		
	Efficiency typ	%	80			80			80			Full load	
	Current	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
	Line Regulation	mV (max)	±5% nominal output										
	Load Regulation	mV(max)	±5% nominal output										
	Ripple	mVp-p	50	120	240	50	50	120	50	50	240		
	Hold up Time	mS	>16 typ [AC IN 100V ,I _o =100%]										
	Max Power		120W										
MTBF		Hours	>100,000 full load and 25C ambient										

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

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	



ETA-USA

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