



ETA-USA

THE POWER PROFESSIONALS

WRC**FWX-O



75 Watt AC/DC Dual Output

Auto Selectable
 Compact design with Inrush current protection
 Dual Output
 -WRC21FWX-O: 5V, 24V -WRC24FWX-O: 5V, 12V
 2 year Warranty



		UNIT	
INPUT	Voltage/Freq	V	AC85V ~ 132V / 180V ~ 264V or DC 240V ~ 370V, 50/60Hz (47 ~ 440Hz), Auto Selectable
	Current Typ.	A	1.8A at 110V; .1A at 220V (I _o =100%)
	Power Factor	-	--
	Inrush Current	A	20A typ (AC IN 110V, I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start
	Leakage	mA	0.35 mA @ 110, .75 mA @220

		UNIT	WRC24FWX-O		WRC21FWX-O					
OUTPUT	Nominal Voltage	VDC	5	12	5	24				
	Efficiency typ	%	75		75					
	Current	A	0.6~6	0~3.5	0.5~6.0	2.0				
	Line Regulation	mV (max)	25	60	25	120				
	Load Regulation	mV(max)	50	120	50	240				
	Ripple	mVp-p	80	120	80	120				
	Ripple Noise maximum	mVp-p	120	150	120	150				
	Temperature Drift [0~+50C]	mV	75	180	75	360				
	Rise Time	mS	500 max [AC IN 100V I _o =100%]							
	Hold up Time	mS	17 typ [AC IN 100V ,I _o =100%]							
Grounding		Individual Ground								

Protection	Over Voltage	Works at 115~140% of rating
	Over Current	Works at 110% over rated current and recovers automatically
Isolation	Input-Output	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)
	Input-F.G	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)
	Output-F.G	AC 500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & Humidity)
Environment	Operating temp/hum	-10 ~ +70°C, 20 ~ 90% RH(Non condensing)
	Storage temp/hum	-20 ~ +75°C, 20 ~ 90% RH(Non condensing)
	Vibration	10 ~ 55Hz at 1G, 3 minutes period, 30 minutes along X, Y and Z axis
	Impact	10G for 20ms once on each X, Y and Z axis
Safety	CE/ CB	IEC 60950-1,
	Line Con RF Voltage	EN55022-A
Size	MM/G	82 x 36.5 x 165 (180) / 450



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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

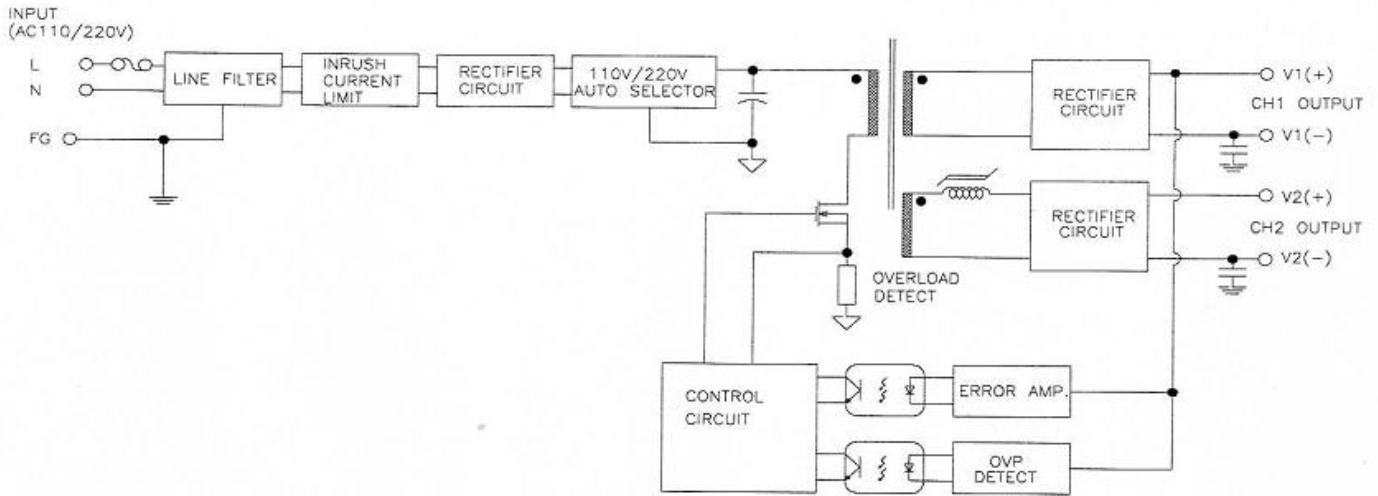


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BLOCK DIAGRAM

WRC24FWX-O WRC21FWX-O



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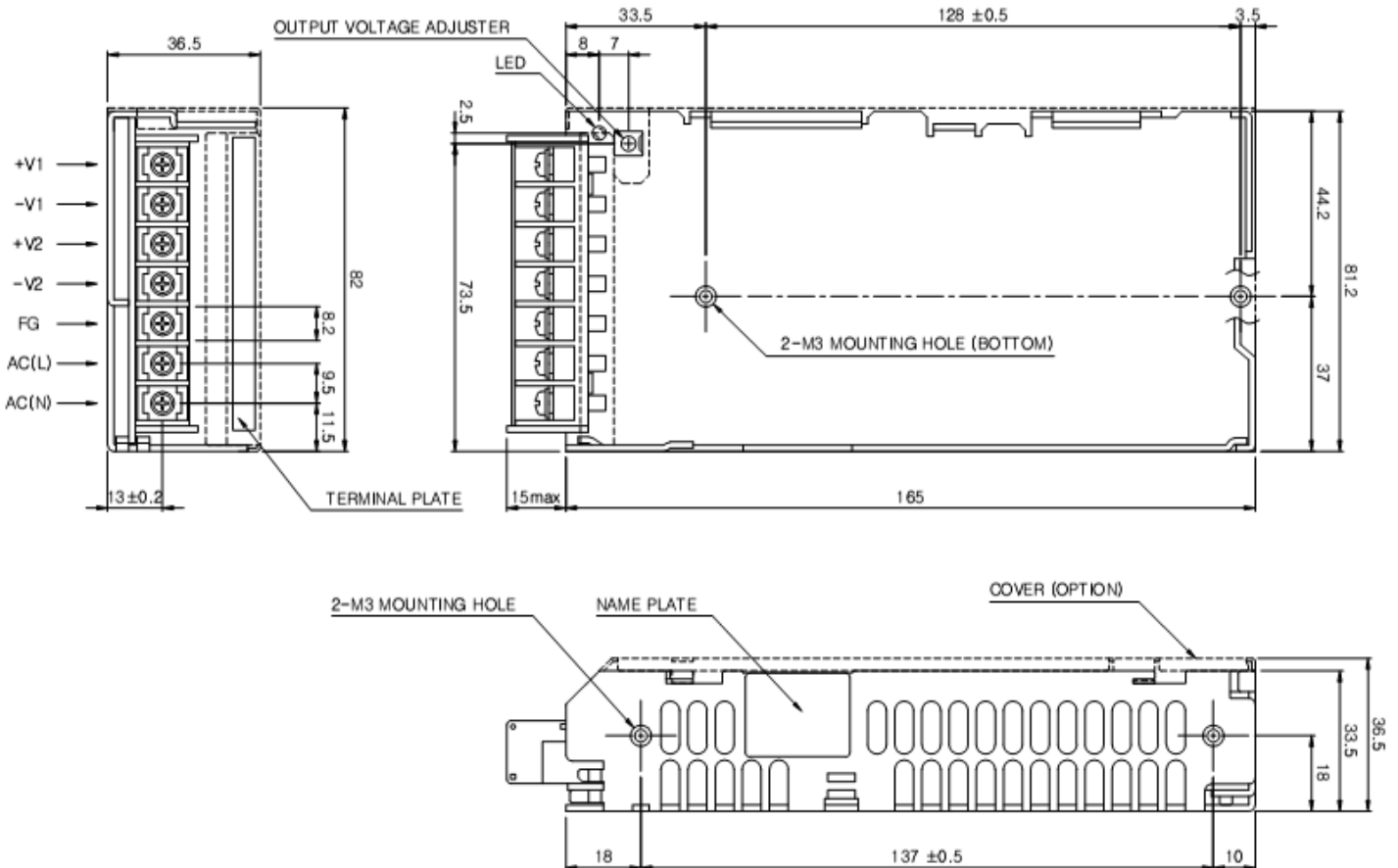


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DIMENSIONAL DRAWING (mm)

WRC24FWX-O WRC21FWX-O



Mark	Pin Connection
L	AC input line
N	AC input neutral
FG	AC Chassis Ground
+V1	DC V1 Output
G1	DC V1 Ground
+V2	DC V2 Output
G2	DC V2 Ground



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DERATING CURVE AND RECCOMENDED MOUNTING DIAGRAM

