

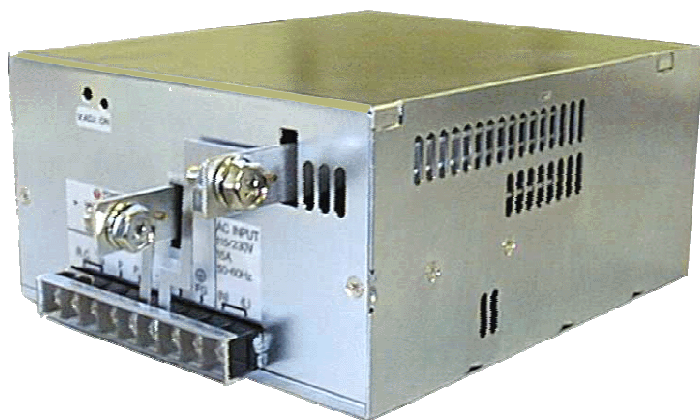


ETA-USA

HIGH QUALITY SWITCHING POWER SUPPLIES

**AC/DC SWITCHING POWER SUPPLY
SINGLE CHANNEL OUTPUT
600 WATTS
85~132V/170~264V**

WRG-SX-U SERIES



General Description

These 600W single output switching power supplies were developed for use in 82~132V and 170~264V input ranges. They are miniature in size and are high in efficiency.

Features

MTBF 37,000 hours
Power fail function

Options

Remote Control option available

Combination of wire and harness

Application

Intelligence equip, communicators, industrial control machines, instruments

Input

Input Voltage:	115/230VAC
Input Voltage Range:	AC 85~132/170~264V
Frequency:	50/60Hz
Frequency Range:	47~440 Hz
Phase:	Single
Inrush Current: *1	14A max at 115Vac full load



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16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
Phone: 1-800-ETA-POWR, (408) 778-2793 Fax: (408) 779-2753

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Output Characteristic	Unit	Models							
		WRG05 SX-U	WRG06 SX-U	WRG12 SX-U	WRG15 SX-U	WRG24 SX-U	WRG30 SX-U	WRG36 SX-U	WRG48 SX-U
Output Voltage	Vdc	5	6	12	15	24	30	36	48
Output Current	A	120	95	53	42	28	22	16	14
Ripple &Noise(max)	mVpp	(Output V*1%)+100mV							
Voltage Adjust Range	V	±10%							
Rise time	mS	500mS max							
Hold up time	mS	20mS min.							
Regulation									
a. Line Regulation [max]	mV	0.5% max.							
b. Load Regulation	mV	1% max.							
c. Temperature Coefficient		0.03%/°C							
d. Drift(maximum)	mV	(Output V x 0.5%) + 15mV/8H (after 1 hour)							
e. Dynamic Load Regulation (typ.) *2	mV	Info soon							
f. Recovery Time *2	mS	Info soon							
Efficiency *1	%	80~87% typ.							
Power Factor *1		No information							



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Environmental Specification	
Operating Temperature*3	-5 to +50 °C
Operating Humidity	30~85% RH
Storage Temperature	-20 to +85 °C
Storage Humidity	10~85% RH
Withstanding Voltage	Primary-Secondary AC3,000V for 1minute Primary-Frame Ground AC2,500V for 1minute Secondary-Frame Ground AC1,000V for 1minute
Isolation Resistance	Primary-Secondary-Frame Ground 50MΩ(minimum) by DC500V insulation tester
Vibration	5~10Hz:10mm double amplitude
Shock	294m/s ²
Cooling	Fan-cooled
Leakage current	0.4mA
Environmental Agencies	
Line Conducted Noise [EMI]	Built to meet FCC-B
Line Harmonic Distortion/Current	Info soon
Safety	UL60950-1, C-UL(CSA60950-1)
Function/Protection	
Over current Protection	Fold back current limiter type with automatic recovery on removal of fault (constant current limiting)
Over voltage Protection	Breaking out voltage type with reclosing by input of power source
Remote Sense	Available
Remote Control	Available
Series Operation	Available
Parallel Operation	Available
Driving Indicator	No information
Mechanical	
Dimension [mm]	170L x 200W x 93H
Weight [g] (typical)	~2900g



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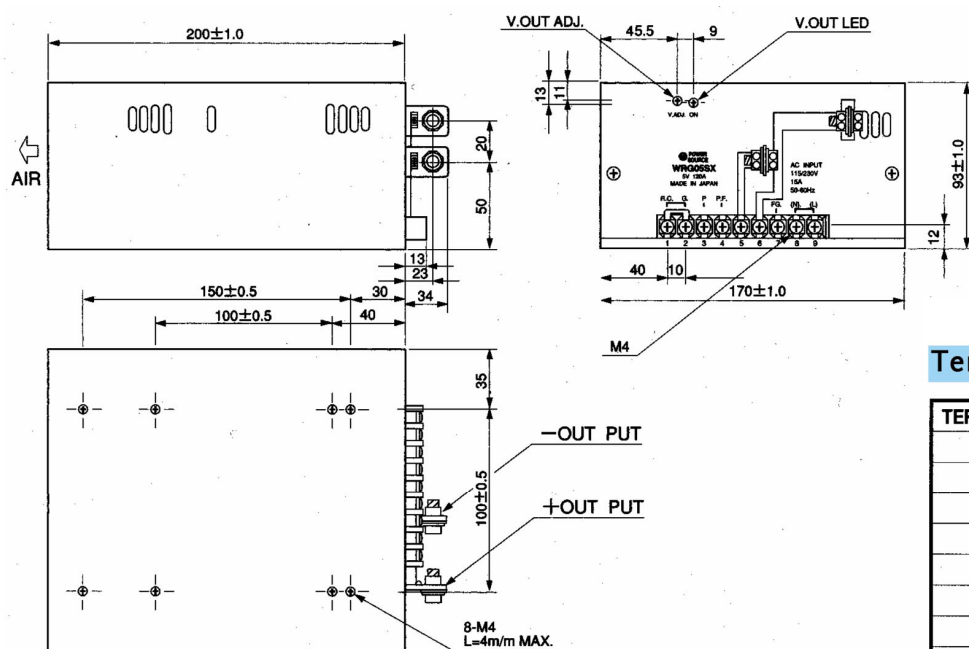
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HIGH QUALITY SWITCHING POWER SUPPLIES



Terminal Connection

TERMINAL No.	ICONNECTION
1	Remote Control
2	Remote Control Ground
3	Parallel
4	Power Fail
5	- Remote Sensing
6	+ Remote Sensing
7	Fraune Ground
8	Input AC-N
9	Input AC-L

◎端子台カバー付 Terminal cover is attached

(Note) Non Activated Resin Flux is used for Soldering on P.C.B.



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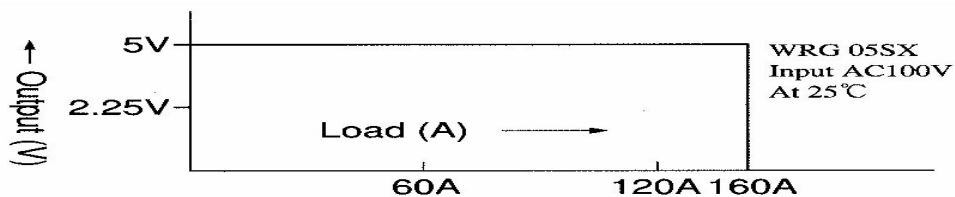
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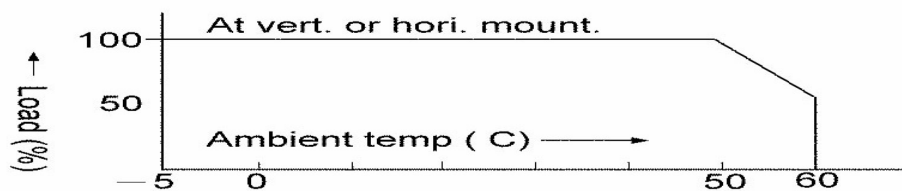
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HIGH QUALITY SWITCHING POWER SUPPLIES

Load & Output V.



Output Derating



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