

SPECIFICATION CONTROL


**MODEL: PS/WX20N50.0YB2
PS/WX50N20.0YB2**

This model is in full accordance with the standard catalog specifications for the WX series, except as follows:

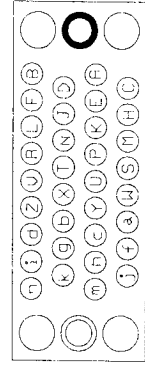
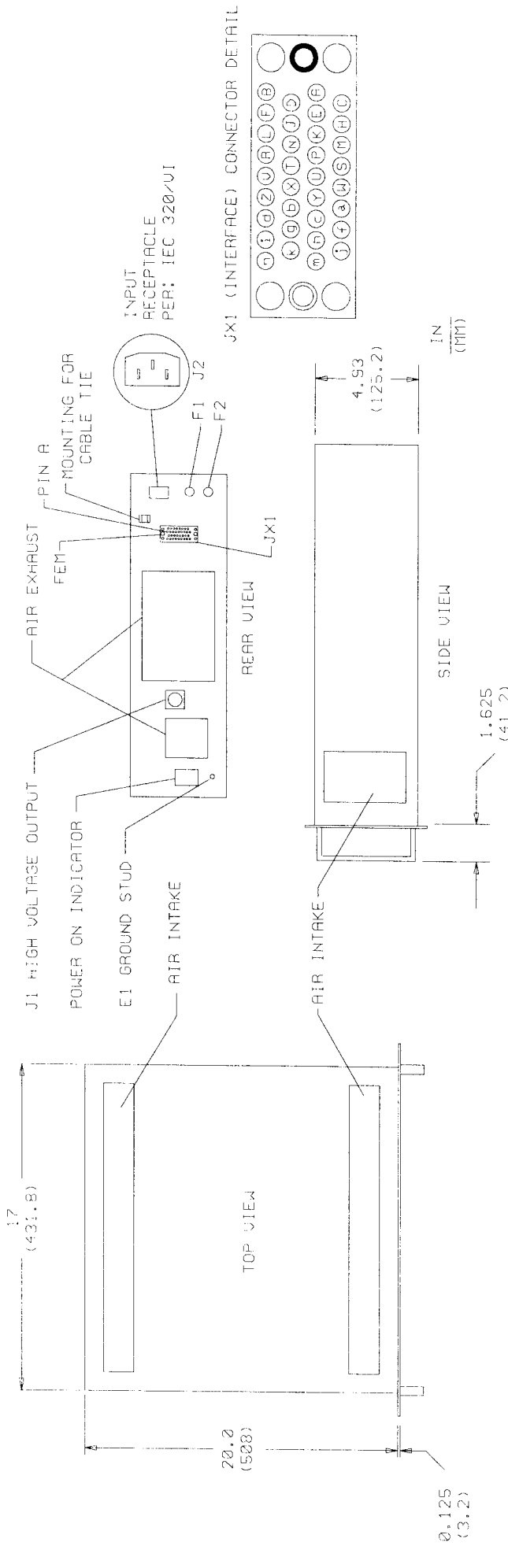
1. The nominal input voltage is 208VAC.
2. The power supply is internally wired to provide a fixed maximum output current capability.
3. The otherwise standard front panel is modified to remove the voltage and current controls, and to replace them with hole plugs. The front panel HV ON switch is defeated so as to provide HV DC output upon the application of AC power.
4. The rear panel is screened with the appropriate legends and ratings. In addition, the rear panel is fitted with a male, 34 pin Winchester connector (MRAC34P-J), JX1, provided in place of the standard interface terminal barrier strips. Exceptions to the standard functions are as follows:
 - a) "Floating" COMMON - Not provided.
 - b) INTERLOCK - Not provided.
 - c) LOCAL V-CONTROL - Not provided.
 - d) I-PROGRAM - Not provided.
 - e) LOCAL I-CONTROL - Not provided.

Refer to the customer interface documentation normally provided with the instruction manual text for pin-out information. A mating connector is not provided.

5. A cable tie mounting is provided for the user to affix the AC input cable to the rear panel.
6. The standard input line cord is replaced with a 16AWG, SJT type, IEC line cord. The overall length is approximately 6.5 feet. The users end is terminated with a Hubbell HBL4570-C or equivalent male plug.
7. A high voltage output cable assembly is not provided.

REVISIONS				 GLASSMAN HIGH VOLTAGE, INC. PO Box 317, High Bridge, NJ USA 08829 – www.GlassmanHV.com			
DESCRIPTION	CHK	DATE	LTR	FILE:	SPECIFICATION CONTROL		
.N 6788: Plug was #4570-C Added PS/WX50N20.0YB2 Converted to word.	JJC3	072700	A	1020\	YB2 OPTION		
	JJC3	010705	A1	07YB2A2.doc	SEE MODELS ABOVE		
	JC	091908	A2	DRAWN DAS	DATE 022396	DWG NO	REV
				CHECK DWS	DATE 022396	102007-YB2	A-2
SHEET 1 OF 1							

REV	BY	DESCRIPTION	DATE	APPROVED

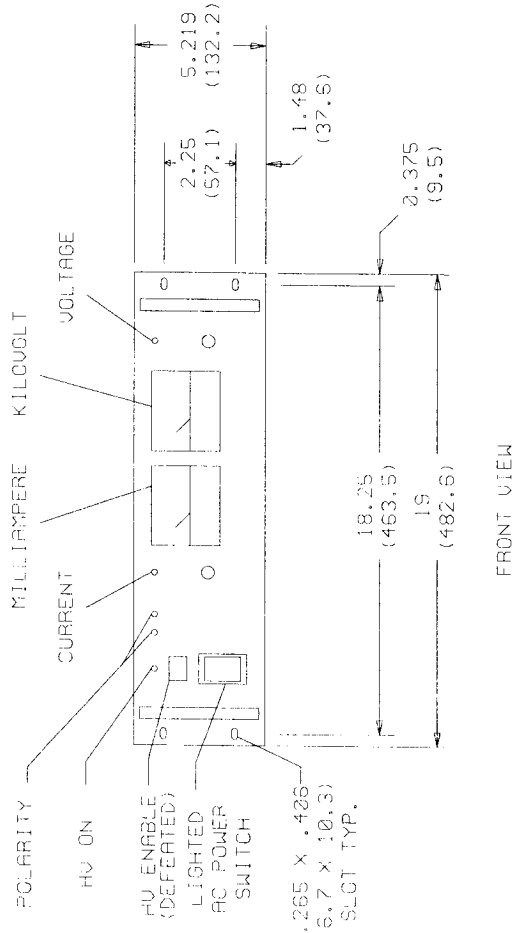


- JX1 LEGEND**
- A REFERENCE RETURN
 - B REFERENCE
 - D REFERENCE
 - F HV ENABLE
 - M I-MONITOR RETURN
 - N I-MONITOR
 - a U-PROGRAM RETURN
 - b U-PROGRAM
 - k GROUND
 - m U-MONITOR RETURN
 - c U-MONITOR

REDUCED ONLY

FILE NO.	EXTENSION	DATE	REV.
2011\659009#.SCH		022396	B
APPROVALS	DATE	TITLE	REV.
DRAWN TJM		OUTLINE & INSTALLATION	NR
CHECKED		SERIES LX	
RELEASED		AMS-LX-1, YB2 OPTION	
DRAWG. NO. 201169-009		REV. NR	
SCALE		SHEET 1 OF 1	

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REV. NO.	DESCRIPTION	DATE	APPROVED
REV. 1	REV. 10/20/82	10/20/82	AWD
REV. 2	REV. 11/20/82	11/20/82	AWD
REV. 3	REV. 12/20/82	12/20/82	AWD
REV. 4	REV. 1/20/83	1/20/83	AWD
REV. 5	REV. 2/20/83	2/20/83	AWD

FIGURE 5

COMMON AND GROUND

ALL SIGNAL RETURNS PROVIDED REPRESENT THE SYSTEM COMMON. SYSTEM COMMON AND GROUND ARE INTERNALLY TERMINATED TOGETHER. LOOPS RETURN UNBE CONNECTED TO GROUND AT JX1-2 OR JX1-3 FOR EXTERNAL GROUND SUPPLY.

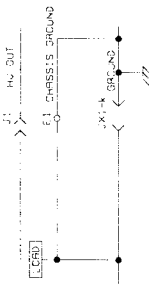


FIGURE 3

VOLTAGE MONITOR

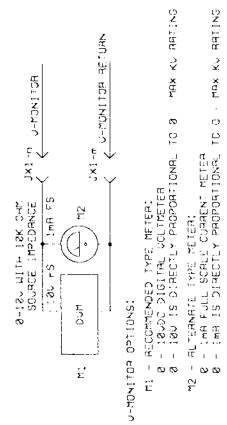


FIGURE 4

CURRENT MONITOR

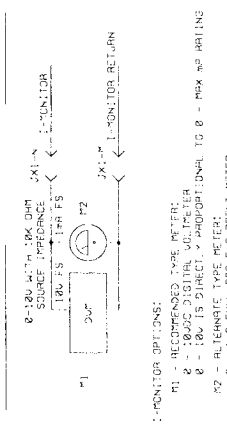


FIGURE 2

VOLTAGE PROGRAM

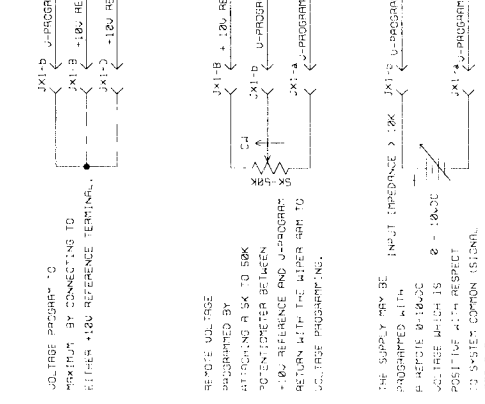


FIGURE 1

REMOTE HV ENABLE

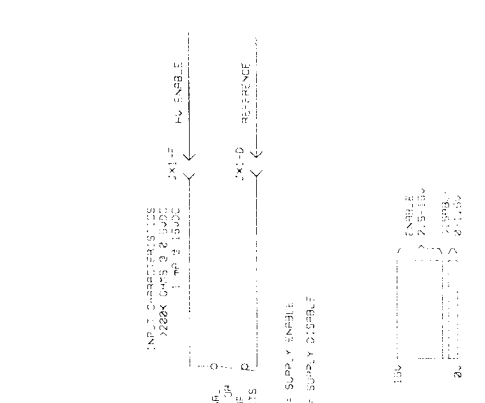


FIGURE 7

MINIMUM NUMBER OF CONNECTIONS IN ORDER TO COMPLETELY ENABLE THE Y41, Y42, Y43, Y44 OR Y45 SUPPLY.

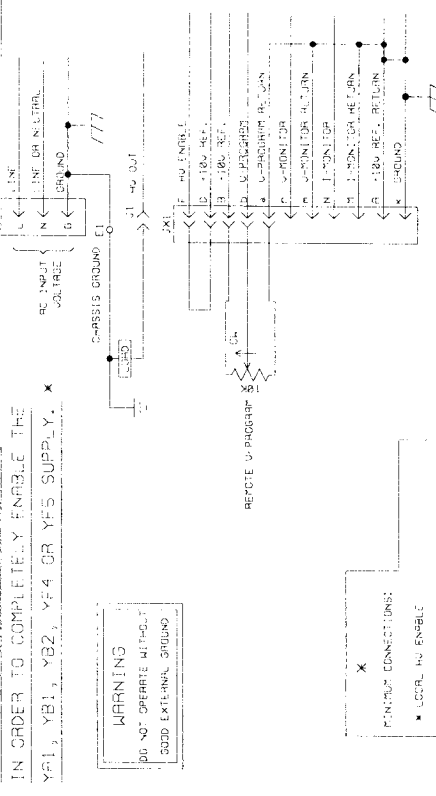
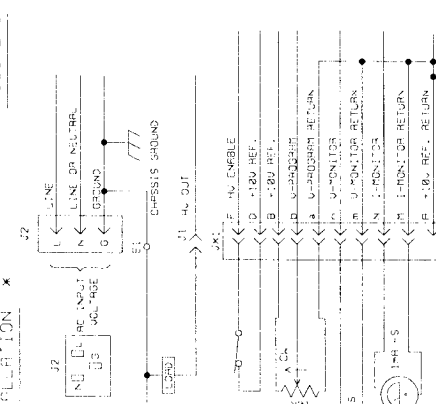


FIGURE 6

0-120VDC V41, V42, V43, V44 OR V45 INSTALLATION



REV. NO.	DESCRIPTION	DATE	APPROVED
REV. 1	REV. 10/20/82	10/20/82	AWD
REV. 2	REV. 11/20/82	11/20/82	AWD
REV. 3	REV. 12/20/82	12/20/82	AWD
REV. 4	REV. 1/20/83	1/20/83	AWD
REV. 5	REV. 2/20/83	2/20/83	AWD

REV. NO.	DESCRIPTION	DATE	APPROVED
REV. 1	REV. 10/20/82	10/20/82	AWD
REV. 2	REV. 11/20/82	11/20/82	AWD
REV. 3	REV. 12/20/82	12/20/82	AWD
REV. 4	REV. 1/20/83	1/20/83	AWD
REV. 5	REV. 2/20/83	2/20/83	AWD

REV. NO.	DESCRIPTION	DATE	APPROVED
REV. 1	REV. 10/20/82	10/20/82	AWD
REV. 2	REV. 11/20/82	11/20/82	AWD
REV. 3	REV. 12/20/82	12/20/82	AWD
REV. 4	REV. 1/20/83	1/20/83	AWD
REV. 5	REV. 2/20/83	2/20/83	AWD

REV. NO.	DESCRIPTION	DATE	APPROVED
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REV. 3	REV. 12/20/82	12/20/82	AWD
REV. 4	REV. 1/20/83	1/20/83	AWD
REV. 5	REV. 2/20/83	2/20/83	AWD