

A3 Power Supply (PSU-S1400)

Check each output voltage according to following table and figures.

The checking must be done in following condition.

- (1) Wait for 30 minutes after turning the power switch on.
- (2) AC input voltage to the power supply unit must be set within $\pm 10\%$ of standard at worst.
- (3) Acoustic power : Max. (Driving Voltage Amplitude: 100%)

Tbl. 6-3 Power Supply Output Voltage

Check Point			Output Standard	
Connector	PIN	GND	Voltage	Permission
P802	A5	B5	+5.1V(a)	+5.0V~+5.25V
P802	D5	C5	+5.1V(b)	+4.95V~+5.25V
P802	D4	C4	+5.0V	+4.85~+5.15V
P802	D3	C3	-5.0V	-4.85~-5.15V
P802	D2	B2	+15V(a)	+14.70V~+15.30V
P808	1	3	+15V(b)	+14.70V~+15.30V
P802	D1	B1	-15V	-14.70~-15.30
P807	1	2	+24V	+23V~+25V
J803	B3	A3	+40V	+38.00V~+42.00V
J803	A2	B2	-150V	-144.5V~-155.5V
J803	B1	A1	HVA	Refer to the following table.
J805	1	3	HVB	Refer to the following table.
AC OUTLET			AC OUT	$\pm 3\%$ of Input voltage

HVA

J801 HV CONTROL							HVA		
b0	b1	b2	b3	b4	b5	HVA/HVB	Voltage	Standard	
H	H	H	H	H	H	H	0V	$\pm 1V$	
H	L	L	L	H	H	H	+20V	+18.57V~+21.42V	
L	H	L	H	L	H	H	+30V	+28.57V~+31.42V	
L	L	H	H	H	L	H	+50V	+48.57V~+51.42V	
L	H	H	H	L	L	H	+70V	+68.57V~+71.42V	
L	L	L	L	L	L	H	+90V	+88.57V~+91.42V	
X	X	X	X	X	X	L	0V	$\pm 1V$	

HVB

J801 HV CONTROL							HVB		
b0	b1	b2	b3	b4	b5	HVA/HVB	Voltage	Standard	
X	X	X	X	X	X	H	0V	$\pm 1V$	
H	H	H	H	H	H	L	0V	$\pm 1V$	
L	H	H	L	H	H	L	+50V	+44.4V~+55.5V	
H	L	H	H	L	H	L	+100V	+94.4V~+105.5V	
L	L	H	L	L	H	L	+150V	+144.4V~+155.5V	
H	H	L	H	H	L	L	+200V	+194.4V~+205.5V	
H	H	L	L	H	L	L	+250V	+244.4V~+255.5V	
H	L	L	H	L	L	L	+300V	+294.4V~+305.5V	
L	L	L	L	L	L	L	+350V	+344.4V~+355.5V	