

ABNORMAL TEST RESULT

OF MODEL UAW500S-31. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown

No.

4. Other Results

See the following pages (1/16~16/16).

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	
	Short	F101 opened.No hazard.	0 V
C104	Open	Normal operation.	
	Short	F101 opened.No hazard.	0 V
C105	Open	Normal operation.	
	Short	F101 opened.No hazard.	0 V
C108	Open	Normal operation.	
	Short	Normal operation.	
C110	Open	Normal operation.	
	Short	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
C111	Open	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
	Short	F101 opened.No hazard.	0 V
C112	Open	Normal operation.	
	Short	Normal operation.	
C114, C115	Open	Normal operation.	
	Short	F101 opened.No hazard.	0 V



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C116	Open	Normal operation.	
	Short	ACIN 100V:Output voltage decreased. ACIN 200V:Normal operation.	
C117	Open	Normal operation.	
	Short	F101 opened. No hazard.	0 V
C119 ~ C123	Open	Normal operation.	
	Short	F101 opened. No hazard.	0 V
C126	Open	Normal operation.	
	Short	ACIN 100V:Normal operation. ACIN 200V:F101 opened, No hazard.	ACIN 200V: 0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C201	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C203	Open	No hazard.	0 V
	Short	Normal operation.	
C204	Open	Normal operation.	
	Short	F101 opened. No hazard.	0 V
C207	Open	Normal operation.	
	Short	Normal operation.	
C208	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C209	Open	Normal operation.	
	Short	Normal operation.	
C212	Open	Normal operation.	
	Short	No hazard.	0 V
C213	Open	Normal operation.	
	Short	No hazard.	0 V



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C503	Open	Normal operation.	
	Short	Normal operation.	
C504	Open	Normal operation.	
	Short	No hazard.	0 V
C505 ~ C510	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C513	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C514	Open	Normal operation.	
	Short	Normal operation.	
C515	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C601	Open	Normal operation.	
	Short	Normal operation.	
C602	Open	Normal operation.	
	Short	Normal operation.	
C603	Open	Normal operation.	
	Short	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
D201	Open	No hazard.	0 V
	Short	No hazard.	0 V
D202	Open	Normal operation.	
	Short	No hazard.	0 V
D203, D204 D207, D208	Open	Normal operation.	
	Short	Normal operation.	
D205	Open	R107 opened, No hazard.	0 V
	Short	Normal operation.	
D501	Open	No hazard.	0 V
	Short	Output voltage decreased. No hazard.	
D601	Open	Normal operation.	
	Short	Normal operation.	
F101	Open	No hazard.	0 V
	Short	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
IC101	Open	1	Normal operation.	
		2	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
		3	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
		4	Normal operation.	
		5	Normal operation.	
		6	ACIN 100V:Normal operation. ACIN 200V:F101 opened, No hazard.	ACIN 200V: 0V
		7	ACIN 100V:Normal operation. ACIN 200V:F101 opened, No hazard.	ACIN 200V: 0V
	Short	1-2	Normal operation.	
		2-3	ACIN 100V:Normal operation. ACIN 200V:F101 opened, No hazard.	ACIN 200V: 0V
		3-4	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
		4-5	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
		5-6	Normal operation.	
		6-7	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
IC201	Open	1	No hazard.	0 V
		2	No hazard.	0 V
		3	No hazard.	0 V
		4	Normal operation.	
		5	Normal operation.	
		6	Output voltage decreased. No hazard.	
		7	Normal operation.	
		8	Normal operation.	
		9	Normal operation.	
		10	Normal operation.	
		11	Normal operation.	
		12	Normal operation.	
		13	No hazard.	0 V
		17	No hazard.	0 V
		18	No hazard.	0 V
		19	Output voltage decreased. No hazard.	
		20	Normal operation.	
		21	No hazard.	0 V
		22	No hazard.	0 V
		23	No hazard.	0 V
		24	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
IC201	Short	1-2	No hazard.	0 V
		2-3	Normal operation.	
		3-4	No hazard.	0 V
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	Normal operation.	
		8-9	Normal operation.	
		9-10	Normal operation.	
		10-11	Normal operation.	
		11-12	Normal operation.	
		12-13	No hazard.	0 V
		17-18	No hazard.	0 V
		18-19	Output voltage decreased.No hazard.	
19-20	Output voltage decreased.No hazard.			
20-21	Normal operation.			
21-22	Output voltage decreased.No hazard.			
22-23	Output voltage decreased.No hazard.			

ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
IC601	Open	1	Normal operation.	
		2	Normal operation.	
		3	No hazard.	0 V
		4	No hazard.	0 V
		5	No hazard.	0 V
		6	No hazard.	0 V
		7	No hazard.	0 V
		8	Normal operation.	
		9	Normal operation.	
		11	Normal operation.	
		12	Normal operation.	
		13	Normal operation.	
		Short	1-2	Normal operation.
	2-3		Normal operation.	
	3-4		Output voltage decreased.No hazard.	
	4-5		Output voltage decreased.No hazard.	
	5-6		No hazard.	0 V
	6-7		No hazard.	0 V
	7-8		Normal operation.	
	8-9	Normal operation.		
11-12	Output voltage decreased.No hazard.			
12-13	Normal operation.			



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
L101, L102	Open	No hazard.		0 V
	Short	F101 opened. No hazard.		0 V
L103	Open	ACIN 100V: No hazard. ACIN 200V: Normal operation.		ACIN 100V: 0V
	Short	Normal operation.		
L509	Open	No hazard.		0 V
	Short	Output voltage decreased. No hazard.		
PC201	Open	A-K	Normal operation.	
		C-E		
	Short	A-K	Normal operation.	
C-E		No hazard.	0 V	
SS101	Open	No hazard.		0 V
	Short	F101 opened. No hazard.		0 V
SS501, SS502	Open	Normal operation.		
	Short	Output voltage decreased. No hazard.		
SS503~SS505	Open	Normal operation.		
	Short	Output voltage decreased. No hazard.		

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
T201 1-2	Open	No hazard.	0 V
	Short	F101 opened.No hazard.	0 V
T201 3-4	Open	Normal operation.	
	Short	F101 opened.No hazard.	0 V
T201 5-6	Open	No hazard.	0 V
	Short	F101 opened.No hazard.	0 V
T201 7-8	Open	R107 opened, No hazard.	0 V
	Short	R107 opened. No hazard.	0 V
T201 9-10	Open	No hazard.	0 V
	Short	Output voltage decreased. No hazard.	
T202 1-2	Open	No hazard.	0 V
	Short	Normal operation.	
T202 3-4	Open	Normal operation.	
	Short	Normal operation.	
T203 1-2	Open	No hazard.	0 V
	Short	Normal operation.	
T203 3-4	Open	Normal operation.	
	Short	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
THSW501	Open	Normal operation.		
	Short	No hazard.		0 V
TR201	Open	B	No hazard.	0 V
		C		
		E		
	Short	B-E	F101 opened. No hazard.	0 V
C-B		F101 opened. No hazard.	0 V	
E-C		F101 opened. No hazard.	0 V	
TR202	Open	B	Normal operation.	
		C		
		E		
	Short	B-E	F101 opened. No hazard.	0 V
C-B		No hazard.	0 V	
E-C		No hazard.	0 V	
TR203, TR204	Open	D	Normal operation.	
		G		
		S		
	Short	D-S	F101 opened, No hazard.	0 V
G-D		Normal operation.		
S-G		No hazard.	0 V	



ABNORMAL TEST RESULT

Component	Mode	Comment		Output Voltage (V)
TRC101	Open	G	R107 opened, No hazard.	0 V
		T1 T2	No hazard.	0 V
	Short	T1-T2	Normal operation.	
		G-T1 T2-G	R107 opened, No hazard.	0 V
TRC102	Open	G T1 T2	ACIN 100V:Output voltage decreased, No hazard. ACIN 200V:Normal operation.	
	Short	T1-T2	ACIN 100V:Normal operation. ACIN 200V:F101 opened, No hazard.	ACIN 200V: 0V
		G-T1 T2-G	ACIN 100V:Output voltage decreased, No hazard. ACIN 200V:Normal operation.	
ZD201	Open	Normal operation.		
	Short	No hazard.		0 V
ZD501	Open	Normal operation.		
	Short	No hazard.		0 V
ZD502	Open	Normal operation.		
	Short	No hazard.		0 V



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R101~R104	Open	Normal operation.	
R105	Open	R107 opened, No hazard.	0 V
R106	Open	Normal operation.	
R107, R108	Open	Normal operation.	
R109	Open	Normal operation.	
R111, R116	Open	Normal operation.	
R112	Open	Normal operation.	
R113, R117	Open	Normal operation.	
R114	Open	ACIN 100V:No hazard. ACIN 200V:Normal operation.	ACIN 100V: 0V
R115	Open	Normal operation.	
R201, R203	Open	No hazard.	0 V
R202	Open	No hazard.	0 V
R204	Open	No hazard.	0 V
R205	Open	No hazard.	0 V
R206	Open	Normal operation.	
R207, R208	Open	Normal operation.	
R209, R212, R215	Open	Normal operation.	



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R210, R211	Open	Normal operation.	
R213	Open	Normal operation.	
R214	Open	Normal operation.	
R501	Open	No hazard.	0 V
R502	Open	Normal operation.	
R503, R504	Open	Normal operation.	
R505	Open	Normal operation.	
R508	Open	Normal operation.	
R509	Open	Normal operation.	
R510	Open	No hazard.	0 V
R601	Open	Normal operation.	