

NO	TEST ITEM	TEST CONDITION / SPECIFICATION	RESULT	VERDICT																																													
12	OVER LOAD PROTECTION	I/P:115VAC SPEC:105%~150% O/P:TESTING	A:143% B:137.7% C:128%	P																																													
13	OVER VOLTAGE PROTECTION	I/P:230VAC SPEC:V1:5.75~6.75V O/P:FULL LOAD	A : 6.12V B : 6.27V C : 6.13V	P																																													
14	GROUND LEAKAGE CURRENT	I/P:240VAC SPEC: L-FG-<3.5mA N-FG-<3.5mA	C: L-FG:1.95mA N-FG:1.96mA	P																																													
15	INSULATION RESISTANCE	SPEC: O/P-FG 500VDC/100M Ohms MIN. I/P-O/P 500VDC/100M Ohms MIN. I/P-FG 500VDC/100M Ohms MIN.	C: O/P-FG >100M Ohms I/P-O/P >100M Ohms I/P-FG >100M Ohms	P																																													
16	DIELECTRIC / WITHSTAND VOLTAGE	SPEC: I/P- O/P: 3000VAC/ 1 min. (10mA CUT-OFF) I/P - FG: 1500VAC/ 1 min. (10mA CUT-OFF) O/P - FG: 500VAC/ 1 min. (10mA CUT-OFF)	C: I/P-O/P :4.31mA I/P-FG :6.61mA O/P-FG :2.61mA	P																																													
17	EMS TEST	EFT TEST: EN50082-1 IEC1000-4-4	C: CRITERIA A OK	P																																													
		SURGE TEST: EN50082-1 IEC1000-4-5	C: CRITERIA A OK	P																																													
18	BURN-IN TEST	I/P: 230VAC O/P: FULL LOAD TA:25.4°C BURN-IN DURATION : 2 hrs	NON BREAK	P																																													
19	ENVIRONMENT TEST (SAMPLE C:)	1.LOW TEMPERATURE TEST I/P:80 VAC O/P:FULL LOAD AMBIENT TEMPERATURE:-10°C	AFTER 1.5 hrs POWER ON OK	P																																													
		2.HIGH AMBIENT TEMPERATURE FULL LOAD TEST I/P:230VAC O/P:FULL LOAD AMBIENT TEMPERATURE:43°C	AFTER 44.25 hrs NON BREAK																																														
		3.ACCELERATED LIFE TEST I/P:267VAC O/P:FULL LOAD POWER ON :3 min POWER OFF :5 sec AMBIENT TEMPERATURE:86.7°C AMBIENT HUMIDITY:95%	AFTER 4.25 hrs NON BREAK																																														
20	TEMPERATURE RISE TEST T rise OF PARTS	C: I/P :230VAC O/P :FULL LOAD AFTER 2 hr BURN-IN TA:25.4°C	<table border="1"> <thead> <tr> <th></th> <th>POSITION</th> <th>P/N</th> <th>TEMP</th> <th>T rise</th> </tr> </thead> <tbody> <tr> <td></td> <td>BD1</td> <td>BRIDGE DIODE</td> <td>77.6°C</td> <td>52.2°C</td> </tr> <tr> <td></td> <td>Q1</td> <td>MAIN TRANSISTOR</td> <td>81.9°C</td> <td>56.5°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER</td> <td>87°C</td> <td>61.6°C</td> </tr> <tr> <td></td> <td>D4</td> <td>O/P DIODE</td> <td>76.1°C</td> <td>50.7°C</td> </tr> <tr> <td></td> <td>C21</td> <td>O/P FILTER CAPACITOR</td> <td>80°C</td> <td>54.6°C</td> </tr> <tr> <td></td> <td>L2</td> <td>O/P CHOCK</td> <td>76°C</td> <td>50.6°C</td> </tr> <tr> <td></td> <td>C5</td> <td>I/P FILTER CAPACITOR</td> <td>67.1°C</td> <td>41.7°C</td> </tr> <tr> <td>*</td> <td>D1</td> <td>FLY DIODE</td> <td>92.7°C</td> <td>67.3°C</td> </tr> </tbody> </table>		POSITION	P/N	TEMP	T rise		BD1	BRIDGE DIODE	77.6°C	52.2°C		Q1	MAIN TRANSISTOR	81.9°C	56.5°C		T1	MAIN TRANSFORMER	87°C	61.6°C		D4	O/P DIODE	76.1°C	50.7°C		C21	O/P FILTER CAPACITOR	80°C	54.6°C		L2	O/P CHOCK	76°C	50.6°C		C5	I/P FILTER CAPACITOR	67.1°C	41.7°C	*	D1	FLY DIODE	92.7°C	67.3°C	* NOTE1
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21	LIFE CYCLE	C: SUPPOSE C21 IS THE MOST CRITICAL COMPONENT I/P:230VAC O/P:FULL LOAD Ta:25°C Tc21:79.6°C Life: 28659hrs I/P:230VAC O/P:FULL LOAD Ta:45°C Tc21:88.6°C Life: 15358hrs		P																																													
22	CRITICAL COMPONENT RECORD (FOR QC INSPECTION REFERENCE ONLY)	C: FUSE :3A/250V BRIDGE DIODE :D3SB60 LINE FILTER :EE-25 TF096C1 TRANSFOMER :EER-35 TF155-1-R1 POWER SWITCHER :2SK727 TO-3P OUTPUT DIODE :SF10SC4 OUTPUT CAPACITOR :ELNA 2200uF/10V RJH 105°C INPUT CAPACITOR :JAMICON 150uF/400V 85°C P.C.B :T-60N-R3 CEM-1 2 OZ SS																																															

DATE	SAMPLE	TEST RESULT	TEST	APPROVAL
19980423	T-60	NOTE1:WORKING TEMPERATURE >=43°C OUTPUT SHOULD DERATING	H.C.LIOU	Max Lin
19990518	T-60C	PASS	H.C.LIOU	Max Lin