

NO	TEST ITEM	TEST CONDITION / SPECIFICATION	RESULT	VERDICT																																													
11	EFFICIENCY	I/P:230VAC O/P:FULL LOAD SPEC: A:70% B:78% C:80% D:81% E:81% F:84% G:84% H:84%	A:71.74% B:78.25% C:80.69% D:81.08% E:82.02% F:85.99% G:85.38% H:85.47%	P																																													
12	OVER LOAD PROTECTION	I/P:230VAC O/P:TESTING SPEC: A:105%~150% B:105%~150% C:105%~200% D:105%~150% E:105%~150% F:105%~150% G:105%~150% H:105%~150%	A:125% B:125% C:186% D:140.35% E:148% F:137% G:116% H:140%	P																																													
13	GROUND LEAKAGE CURRENT	I/P:240VAC SPEC: L-FG-<3.5mA N-FG-<3.5mA	B: L-FG:0.23mA N-FG:0.25mA	P																																													
14	INSULATION RESISTANCE	SPEC: I/P-O/P: 500VDC/100MOhms MIN. I/P-FG: 500VDC/100MOhms MIN. O/P-FG: 500VDC/100MOhms MIN.	B: O/P-FG >100MOhms I/P-O/P >100MOhms I/P-FG >100MOhms	P																																													
15	DIELECTRIC / WITHSTAND VOLTAGE	SPEC: I/P- O/P: 1.5KVDC/ 1 min. (10mA CUT-OFF) I/P - FG: 1.5KVDC/ 1 min. (10mA CUT-OFF) O/P -FG: 0.5KVDC/ 1 min. (10mA CUT-OFF)	B: I/P-O/P :1.16mA I/P-FG :1.27mA O/P-FG :1.22mA	P																																													
16	BURN-IN TEST	I/P: 230VAC O/P: FULL LOAD TA:25.7°C BURN-IN DURATION : 2.5 hrs	B:NON BREAK	P																																													
17	ENVIRONMENT TEST (SAMPLE B:)	HIGH AMBIENT TEMPERATURE FULL LOAD TEST I/P:230VAC O/P:FULL LOAD AMBIENT TEMPERATURE:48.8°C	AFTER 8Z hrs NON BREAK	P																																													
18	TEMPERATURE RISE TEST Trise OF PARTS	B: I/P :230VAC AFTER 2.5 hr BURN-IN O/P :FULL LOAD TA:25.7°C	<table border="1"> <thead> <tr> <th></th> <th>POSITION</th> <th>P/N</th> <th>TEMP</th> <th>Trise</th> </tr> </thead> <tbody> <tr> <td></td> <td>BD1</td> <td>BRIDGE DIODE</td> <td>77°C</td> <td>51.3°C</td> </tr> <tr> <td></td> <td>Q1</td> <td>MAIN TRANSISTOR</td> <td>66.8°C</td> <td>41.1°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER WIRE</td> <td>90.9°C</td> <td>65.2°C</td> </tr> <tr> <td></td> <td>D18</td> <td>O/P DIODE</td> <td>101.3°C</td> <td>75.6°C</td> </tr> <tr> <td></td> <td>C23</td> <td>O/P FILTER CAPACITOR</td> <td>75.2°C</td> <td>49.5°C</td> </tr> <tr> <td>*</td> <td>L1</td> <td>O/P CHOCK</td> <td>106.9°C</td> <td>81.2°C</td> </tr> <tr> <td></td> <td>C5</td> <td>I/P FILTER CAPACITOR</td> <td>56.9°C</td> <td>31.2°C</td> </tr> <tr> <td></td> <td>LF1</td> <td>I/P FILTER TRANSFORMER</td> <td>56.6°C</td> <td>30.9°C</td> </tr> </tbody> </table>		POSITION	P/N	TEMP	Trise		BD1	BRIDGE DIODE	77°C	51.3°C		Q1	MAIN TRANSISTOR	66.8°C	41.1°C		T1	MAIN TRANSFORMER WIRE	90.9°C	65.2°C		D18	O/P DIODE	101.3°C	75.6°C		C23	O/P FILTER CAPACITOR	75.2°C	49.5°C	*	L1	O/P CHOCK	106.9°C	81.2°C		C5	I/P FILTER CAPACITOR	56.9°C	31.2°C		LF1	I/P FILTER TRANSFORMER	56.6°C	30.9°C	*NOTE1
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19	LIFE CYCLE	B: SUPPOSE C23 IS THE MOST CRITICAL COMPONENT I/P:230VAC O/P:FULL LOAD Ta:25°C Tc23:74.5°C Life: 49314hrs I/P:230VAC O/P:FULL LOAD Ta:45°C Tc23:95.2°C Life: 11744hrs		P																																													
20	CRITICAL COMPONENT RECORD (FOR QC INSPECTION REFERENCE ONLY)	B: FUSE :3A/250V BRIDGE DIODE :D3SB60 LINE FILTER :TF096-R1 EE-25 TRANSFOMER TF018 EI-40 POWER SWITCHER :NT2625N TO-3P OUTPUT DIODE :CTB34M TO-3P OUTPUT CAPACITOR :CAPXOH 1000uF/16V 105°C GL VENT INPUT CAPACITOR :CAPXOH 220uF/200V 85°C LP VENT P.C.B :S-100N-R4 CEM-3 2 OZ SS																																															
DATE	SAMPLE	TEST RESULT		TEST APPROVAL																																													
19980428	S-100	NOTE1:WORKING TEMPERATURE >=43°C OUTPUT SHOULD DERATING		H.C.LIOU MAX LIN																																													