

NO	TEST ITEM	TEST CONDITION/SPECIFICATION	RESULT	VERDICT																																																																						
19	ENVIRONMENT TEST	1.LOW TEMPERATURE TEST I/P:230VAC O/P:FULL LOAD AMBIENT TEMPERATURE:-9.8°C	AFTER2.5hrs POWER ON OK	P																																																																						
		2.HIGH AMBIENT TEMPERATURE FULL LOAD TEST I/P:230 VAC O/P:FULL LOAD AMBIENT TEMPERATURE:32.1°C	AFTER 12 hrs NON BREAK																																																																							
		3.ACCELERATED LIFE TEST I/P:272 VAC O/P:FULL LOAD POWER ON POWER OFF AMBIENT TEMPERATURE:25°C AMBIENT HUMIDITY:95%	AFTER12.5hrs NON BREAK																																																																							
20	TEMPERATURE RISE Trise OF PARTS	I/P :230VAC O/P :FULL LOAD AFTER 4hrs BURN-IN TA:25.5°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>64.5°C</td> <td>39.0°C</td> </tr> <tr> <td></td> <td>Q1</td> <td>MAIN TRANSISTER</td> <td>66.4°C</td> <td>40.9°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER COIL</td> <td>82.9°C</td> <td>57.4°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER CORE</td> <td>59.5°C</td> <td>34.0°C</td> </tr> <tr> <td></td> <td>D4</td> <td>O/P DIODE</td> <td>92.7°C</td> <td>67.2°C</td> </tr> <tr> <td></td> <td>D6</td> <td>O/P DIODE</td> <td>77.7°C</td> <td>52.2°C</td> </tr> <tr> <td></td> <td>D5</td> <td>O/P DIODE</td> <td>89.8°C</td> <td>64.3°C</td> </tr> <tr> <td></td> <td>D1</td> <td>CLAMP DIODE</td> <td>83.6°C</td> <td>58.1°C</td> </tr> <tr> <td></td> <td>L1</td> <td>O/P CHOKE</td> <td>73.1°C</td> <td>47.6°C</td> </tr> <tr> <td></td> <td>R6</td> <td>DAYME R</td> <td>63.9°C</td> <td>38.4°C</td> </tr> <tr> <td></td> <td>C21</td> <td>O/P FILTER CAPACITOR</td> <td>76.8°C</td> <td>51.3°C</td> </tr> <tr> <td></td> <td>C5</td> <td>I/P FILTER CAPACITOR</td> <td>39.6°C</td> <td>14.1°C</td> </tr> <tr> <td></td> <td>LF1</td> <td>LINE FILTER TRANFORMER</td> <td>50.6°C</td> <td>25.1°C</td> </tr> </tbody> </table>		POSITION	P/N	TEMP	Trise		BD1	BRIDGE DIODE	64.5°C	39.0°C		Q1	MAIN TRANSISTER	66.4°C	40.9°C		T1	MAIN TRANSFORMER COIL	82.9°C	57.4°C		T1	MAIN TRANSFORMER CORE	59.5°C	34.0°C		D4	O/P DIODE	92.7°C	67.2°C		D6	O/P DIODE	77.7°C	52.2°C		D5	O/P DIODE	89.8°C	64.3°C		D1	CLAMP DIODE	83.6°C	58.1°C		L1	O/P CHOKE	73.1°C	47.6°C		R6	DAYME R	63.9°C	38.4°C		C21	O/P FILTER CAPACITOR	76.8°C	51.3°C		C5	I/P FILTER CAPACITOR	39.6°C	14.1°C		LF1	LINE FILTER TRANFORMER	50.6°C	25.1°C	P
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21	LIFE CYCLE	SUPPOSE C2 IS THE MOST CRITICAL COMPONENT I/P:230VAC O/P:FULLLOAD Ta:25°C Tc ₂₁ :81.3°C Life time:22952 hrs I/P:230VAC O/P:FULLLOAD Ta:30°C Tc ₂₁ :82.92°C Life time20543hrs		P																																																																						
21	CRITICAL COMPONENT RECORD (FOR QC INSPECTION REFERENCE ONLY)	FUSE :4AL/250V UL BRIDGE DIODE : D3SB60 LINE FILTER : TF484-R1 ET-20V TRANSFOMER : TF585 POWER SWITCHER :2SK2545 OUTPUT DIODE : D83-004 OUTPUT CAPACITOR : RUBYCON 1200uf/16V 105°C ZL INPUT CAPACITOR : HITACHI 150 uf/400V 85°CCHP P.C.B : PT-6503 CEM-1 20Z SS																																																																								
DATE	SAMPLE	TEST RESULT	TEST	APPROVAL																																																																						
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19990420	PRODUCTION SAMPLE 9904A27B	PASS	H.C.LIOU	Max Lin																																																																						