

NO	TEST ITEM	TEST CONDITION / SPECIFICATION	RESULT	VERDICT																																								
18	BURN-IN TEST	I/P: 230VAC O/P: FULL LOAD TA:26.1°C BURN-IN DURATION : 1.5 hrs	A:NON BREAK	P																																								
19	ENVIRONMENT TEST	1.LOW TEMPERATURE TEST I/P:230VAC O/P:FULL LOAD AMBIENT TEMPERATURE:-13.8°C	AFTER 14.5hrs POWER ON <u>OK</u>	P																																								
		2.HIGH AMBIENT TEMPERATURE FULL LOAD TEST I/P:230VAC O/P:FULL LOAD AMBIENT TEMPERATURE:52.2°C	AFTER 6.5 hrs NON BREAK																																									
		3.High Humidity High Voltage On/Off Test I/P:267VAC O/P:FULL LOAD AMBIENT TEMPERATURE:26.7°C AMBIENT HUMIDITY:95%	AFTER 14hrs POWER ON NON BREAK																																									
20	TEMPERATURE RISE TEST Trise OF PARTS	<p style="text-align: center;">A: I/P :230VAC O/P :FULL LOAD TA:25.2°C</p> <p style="text-align: center;">AFTER 2.5 hr BURN-IN</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <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>59.2°C</td> <td>34.0°C</td> </tr> <tr> <td></td> <td>Q2</td> <td>MAIN TRANSISTOR</td> <td>70.1°C</td> <td>44.9°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER WIRE</td> <td>79.2°C</td> <td>54.0°C</td> </tr> <tr> <td></td> <td>C52</td> <td>O/P FILTER CAPACITOR</td> <td>48.5°C</td> <td>23.3°C</td> </tr> <tr> <td></td> <td>L2</td> <td>O/P CHOCK</td> <td>68.8C</td> <td>43.6°C</td> </tr> <tr> <td></td> <td>C5</td> <td>I/P FILTER CAPACITOR</td> <td>74.7°C</td> <td>49.5°C</td> </tr> <tr> <td></td> <td>LF3</td> <td>I/P FILTER TRANSFORMER</td> <td>63.3°C</td> <td>38.1°C</td> </tr> </tbody> </table>			POSITION	P/N	TEMP	Trise		BD1	BRIDGE DIODE	59.2°C	34.0°C		Q2	MAIN TRANSISTOR	70.1°C	44.9°C		T1	MAIN TRANSFORMER WIRE	79.2°C	54.0°C		C52	O/P FILTER CAPACITOR	48.5°C	23.3°C		L2	O/P CHOCK	68.8C	43.6°C		C5	I/P FILTER CAPACITOR	74.7°C	49.5°C		LF3	I/P FILTER TRANSFORMER	63.3°C	38.1°C	P
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21	CRITICAL COMPONENT RECORD (FOR QC INSPECTION REFERENCE ONLY)	<p>A: FUSE :5A/250V</p> <p>BRIDGE DIODE :KBJ608G 6A/800V</p> <p>LINE FILTER :35066H ET-28</p> <p>TRANSFOMER TF-805</p> <p>POWER SWITCHER :2SK1358 9A/900V</p> <p>OUTPUT CAPACITOR :N.C.C 1500u/35V KY 105°C</p> <p>INPUT CAPACITOR :220u/450VMXR 105°C</p> <p>P.C.B :DRP-240A</p>																																										
22	LIFE CYCLE	A: SUPPOSE C52 IS THE MOST CRITICAL COMPONENT I/P:230VAC O/P:FULL LOAD Ta:25°C Tc52:48.3°C Life: 373577.6hrs I/P:230VAC O/P:FULL LOAD Ta:55°C Tc52:76.5°C Life: 52907hrs		P																																								
DATE	SAMPLE	TEST RESULT	TEST	APPROVAL																																								
20020116	RD SAMPLE 24V,48V	PASS	VINCENT	MAX LIN																																								
20020423	PRODUCT SAMPLE A202B03 24V,48V	PASS	VINCENT	MAX LIN																																								
20020605	PRODUCT SAMPLE A205B22 24V	PASS	VINCENT	MAX LIN																																								
20021206	PRODUCT SAMPLE A2010B27 24V	PASS	VINCENT	MAX LIN																																								