

NO	TEST ITEM	TEST CONDITION/SPECIFICATION	RESULT	VERDICT																																								
18	ENVIRONMENT TEST	HIGH AMBIENT TEMPERATURE FULL LOAD TEST I/P:230 VAC O/P:FULL LOAD AMBIENT TEMPERATURE:45°C	A: AFTER4hrs NONBREAK	P																																								
19	TEMPERATURE RISE T rise OF PARTS	A: I/P :230VAC O/P :FULL LOAD AFTER 4 hrs BURN-IN TA:25°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>55.5°C</td> <td>30.5°C</td> </tr> <tr> <td></td> <td>Q1</td> <td>MAIN TRANSISTER</td> <td>65.1°C</td> <td>40.1°C</td> </tr> <tr> <td></td> <td>T1</td> <td>MAIN TRANSFORMER</td> <td>74.3°C</td> <td>49.3°C</td> </tr> <tr> <td>*</td> <td>D4</td> <td>O/P DIODE</td> <td>82.3°C</td> <td>57.3°C</td> </tr> <tr> <td></td> <td>C22</td> <td>O/P FILTER CAPACITOR</td> <td>73.2°C</td> <td>48.2°C</td> </tr> <tr> <td></td> <td>D1</td> <td>CLAMPING DIODE</td> <td>77.5°C</td> <td>52.5°C</td> </tr> <tr> <td></td> <td>L1</td> <td>O/P CHOKE</td> <td>83.1°C</td> <td>58.1°C</td> </tr> </tbody> </table>		POSITION	P/N	TEMP	T rise		BD1	BRIDGE DIODE	55.5°C	30.5°C		Q1	MAIN TRANSISTER	65.1°C	40.1°C		T1	MAIN TRANSFORMER	74.3°C	49.3°C	*	D4	O/P DIODE	82.3°C	57.3°C		C22	O/P FILTER CAPACITOR	73.2°C	48.2°C		D1	CLAMPING DIODE	77.5°C	52.5°C		L1	O/P CHOKE	83.1°C	58.1°C		* NOTE1
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20	LIFE CYCLE	SUPPOSE C22 IS THE MOST CRITICAL COMPONENT I/P:230VAC O/P:FULL LOAD Ta:25°C Tc22:73.2°C Life time:47578hrs I/P:230VAC O/P:FULL LOAD Ta:45°C Tc22:85.1°C Life time:20853hrs		P																																								
21	CRITICAL COMPONENT RECORD (FOR QC INSPECTION REFERENCE ONLY)	FUSE :F4A/250VAC UL BRIDGE DIODE :LT KB406G LINE FILTER :LS TF-484-R1 ET-20V TRANSFOMER :LS TF-447-R1 ETD-34 POWER SWITCHER :K2545 6A/600V TO-220F OUTPUT DIODE :SF10SC4 10A/40V TO-220F OUTPUT CAPACITOR :ELNA 3300uF/10V 105°C RJH INPUT CAPACITOR :HITACHI 150uF/400V,85°C P.C.B :PT-65-R2,CEM-1 2 OZ SS																																										
DATE	SAMPLE	TEST RESULT	TEST	APPROVL																																								
980611	PD-65A	NOTE 1:WORKING TEMPERATURE $\geq 45^{\circ}\text{C}$.OUTPUT SHOULD DERATING.	H.C.LIOU	MAX LIN																																								