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No.	Test item	Test conditions	Conditions of acceptability	Result
1	High temp./overload test	(1) Rated input AC100V (2) Overload (3) Ambient temp. 50°C (4) Test period 48 hours	(1) Power supply is not failed.	OK
2	No ventilation test	(1) Rated input AC100V (2) Rated output (3) Ambient temp. 25±10°C (4) Test period 48 hours	(1) No smoke, no fire.	OK
3	Input ON/OFF test	(1) Rated input AC110V, Frequency = 50Hz Input Ton = 1,000ms Input Toff = 910ms Start input phase 0° (2) Rated output (3) Ambient temp. 50°C (4) On/Off period 1,000 times	(1) Power supply is not failed. (2) The surge current of each components should not exceed the rated value.	OK
4	Output ON/OFF test	(1) Rated input AC90~110V (2) Output 0%↔100% T = 2sec Duty = 50% (3) Ambient temp. 25±10°C (4) On/Off period 1,000 times	(1) Power supply is not failed.	OK
5	Output-short start test	(1) Rated input AC100V (2) Output Short start (3) Ambient temp. 25±10°C	(1) Power supply is not failed.	OK
6	Output short test	(1) Input AC90~110V (2) Output Short (3) Ambient temp. 25±10°C (4) Test period 48 hours	(1) Power supply is not failed.	OK
7	Withstand voltage test (High-pot test)	(1) Input Not applied. (2) Ambient temp. 25±10°C (3) The applied voltage is more than 1.4 times of specifications.	(1) Insulation breakdown, flashover or electric arc is not occurred.	OK
8	Isolation resistance test	(1) Input Not applied. (2) Ambient temp. 25±10°C	(1) When a regulation voltage is applied, isolation resistance is 1.4 times of specifications.	OK
9	Vibration/impact test	Vibration (1)f = 10~55Hz : 19.6m/s <sup>2</sup> (2)3 minutes period (3)30 minutes along X, Y and Z axis Impact (1)98.0m/s <sup>2</sup> 20ms (2)Once each X, Y and Z axis	(1) No degradation of electric characteristics after test. (2) No crack at solder joint. (3) No marked damage of appearance.	OK