

GT3W Safety test result

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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.	οK
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.	οK
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.	ОК
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℃	(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/s² (2)3 minutes period (3)30 minutes along X, Y and Z axis Impact (1)98.0m/s² 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.	ΟK

Ver. 2.1