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No.	Test item	Conditions	Conditions of Acceptability	Result
1	Line conduction	(1) Rated input AC115V, 230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. FCC Part15 classA, VCCI classA CISPR32 classA, EN55032-A	Pass
2	Radiated emission	(1) Rated input AC115V, 230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. FCC Part15 classA, VCCI classA CISPR32 classA, EN55032-A	Pass
3	Harmonic current (EN61000-3-2)	(1) Rated input AC230V (2) Load 0 – Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) Meets the undermentioned standard. EN61000-3-2 classA	Pass
4	Static electricity immunity test (EN61000-4-2)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Test Condition ① Contact discharge 8[kV] (Level 4) ② Air discharge 15[kV] (Level 4)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass
5	Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Testing field strength (Level 3) ① 10[V/m] (80MHz to 1.0GHz) ② 3[V/m] (1.4GHz to 2.0GHz) ③ 1[V/m] (2.0GHz to 2.7GHz)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass
6	Electrical fast transient/ burst immunity test (EN61000-4-4)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Test peak voltage 4[kV] (Level 4) (5) Repetition rate 5kHz and 100kHz	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass
7	Surge immunity test (EN61000-4-5)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Test voltage Line to line 2[kV] (Level 3) Line to earth 4[kV] (Level 4)	(1) The power supply is not stop (2) Circuit does not malfunction. (3) No abnormality of the insulation destruction etc. (4) Parts are no damaged.	Pass
8	Immunity to conducted disturbances, induced by radio-frequency fields (EN61000-4-6)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Voltage level (e.m.f.) 10[V] (Level 3)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass
9	Power frequency magnetic field immunity test (EN61000-4-8)	(1) Rated input AC230V (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$ (4) Magnetic field strength 30[A/m] (Level 4)	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass
10	Voltage dips, short interruptions and voltage variations immunity test (EN61000-4-11)	(1) Rated input AC230V Voltage dips • 30% reduction at 500ms min. • 60% reduction at 200ms min. (2) Rated load (3) Ambient temp. $25 \pm 10^{\circ}\text{C}$	(1) No protection circuit failure. (2) No output voltage drop with control circuit failure. (3) No any other function failure	Pass