



Test Report: SPWM-75-24KN

75W Constant Voltage PWM Output LED Driver

■ DESIGN VERIFY TEST

Output Function Test

Input Function Test

Protection Function Test

Component Stress Test

■ SAFETY & E.M.C. TEST

Safety Test

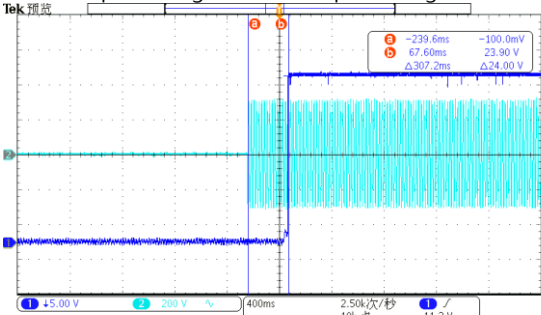
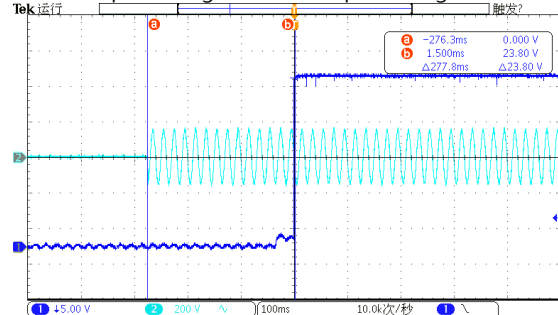
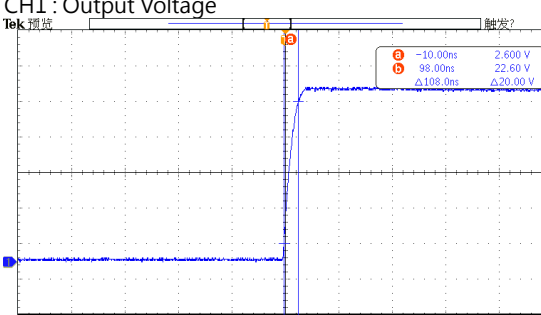
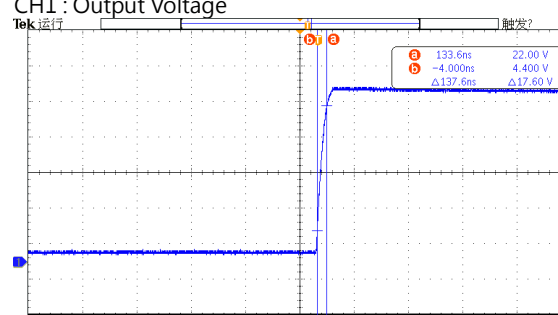
E.M.C. Test

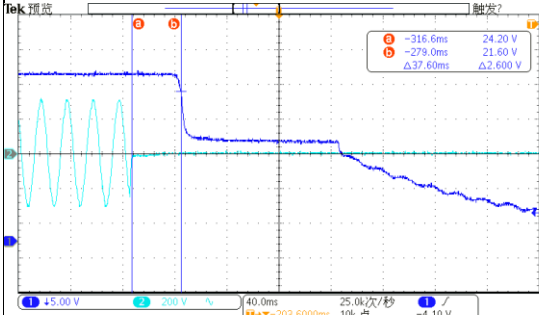
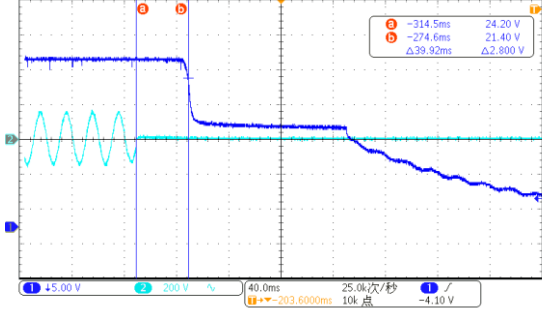
■ RELIABILITY TEST

ENVIRONMENT TEST

DESIGN VERIFY TEST

OUTPUT FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	PWM FREQUENCY (Typ.)	200Hz~20KHz(default:3.2KHz), Set by Database	I/P: 230 VAC O/P:FULL LOAD Ta:25°C	Test: 200.8Hz/200Hz 3.210KHz/3.2KHz 20.05kHz/20KHz
2	VOLTAGE ADJ. RANGE	23 V ~ 26 V	I/P: 230 VAC I/P:115VAC O/P:NO LOAD Ta:25°C	Test : 22.54 V ~ 26.98V/ 230V 22.54 V ~ 26.98V/115V
3	OVER/UNDERSHOOT TEST	< ± 5%	I/P: 230 VAC O/P:FULL LOAD Ta:25°C	TEST: 1.17%
4	SET UP TIME (Max)	230VAC/ 500ms 115VAC/ 1200ms	I/P: 230 VAC I/P: 115VAC O/P:FULL LOAD Ta:25°C	230VAC/ 307.2ms 115VAC/ 277.8ms
INPUT=230VAC/50HZ @ FULL LOAD CH1 : Output Voltage CH2 : AC Input Voltage  INPUT=115VAC/60HZ @ FULL LOAD CH1 : Output Voltage CH2 : AC Input Voltage 				
5	RISE TIME (Max)	230VAC/ 80ms 115VAC/ 80ms	I/P: 230 VAC I/P: 115VAC O/P:FULL LOAD Ta:25°C	230 VAC/ 0.108us 115 VAC/ 0.1376us
INPUT=230VAC/50HZ @ FULL LOAD CH1 : Output Voltage  INPUT=115VAC/60HZ @ FULL LOAD CH1 : Output Voltage 				

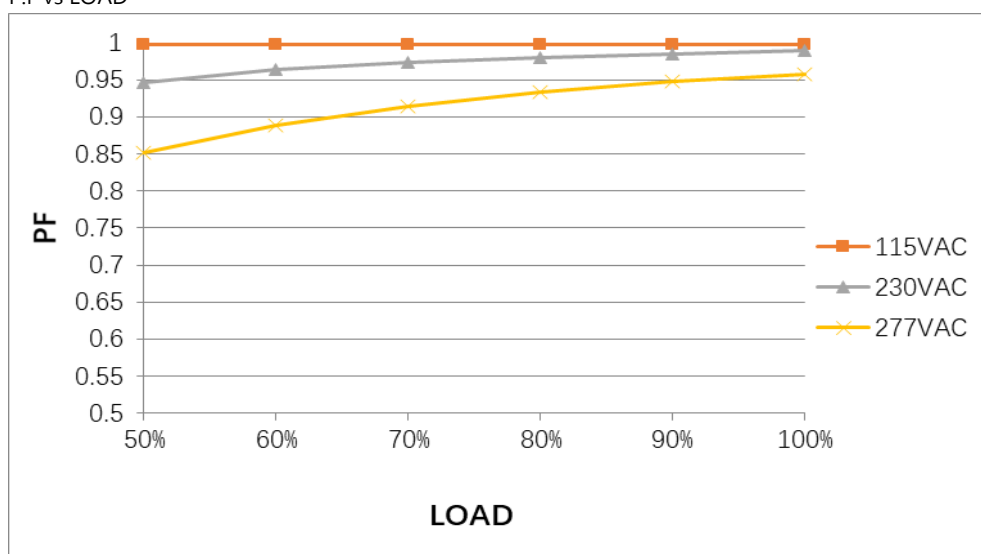
6	HOLD UP TIME (Typ.)	230VAC/ 10 ms 115VAC/ 10 ms	I/P: 230 VAC I/P: 115VAC O/P:FULL LOAD Ta:25°C	230VAC/ 37.6ms 115 VAC/39.92ms
INPUT=230VAC/50HZ @ FULL LOAD CH1 : Output Voltage CH2 : AC Input Voltage		INPUT=115VAC/60HZ @ FULL LOAD CH1 : Output Voltage CH2 : AC Input Voltage		
				

INPUT FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	INPUT VOLTAGE RANGE	100VAC~305 VAC 156VDC~410VDC	(1) I/P:TESTING O/P:FULL LOAD (2) I/P:DC TESTING(L:+ N:-) O/P: FULL / 50% LOAD (3) I/P:DC TESTING(L:- N:+) O/P: FULL / 50% LOAD (4) I/P: LOW-LINE=156VDC HIGH-LINE=410VDC O/P: Dimming on/off Ta:25°C	(1) 97 V~ 308 V (2)153Vdc ~ 410Vdc/FULL LOAD 153Vdc~410Vdc/50% LOAD (3)153Vdc~410Vdc/FULL LOAD 153Vdc~410Vdc/50% LOAD (4) OK
			I/P: LOW-LINE-3V=97V HIGH-LINE+10V=315V O/P:FULL/MIN LOAD (PLEASE CHECK DERATING CURVE) ON: 30 Sec OFF: 30 Sec 10MIN (POWER ON/OFF NO DAMAGE)	TEST: OK
2	INPUT FREQUENCY RANGE	47HZ ~63 HZ NO DAMAGE	I/P: 100 VAC ~305VAC O/P:FULL~MIN LOAD Ta:25°C	OK
3	INPUT CURRENT (TYP)	277 VAC/ 0.38 A 230 VAC/ 0.45 A 115 VAC/ 0.90 A	I/P: 277VAC I/P: 230VAC I/P: 115VAC O/P:FULL LOAD Ta:25°C	I = 0.33 A/ 277VAC I = 0.37 A/ 230VAC I = 0.75 A/115VAC

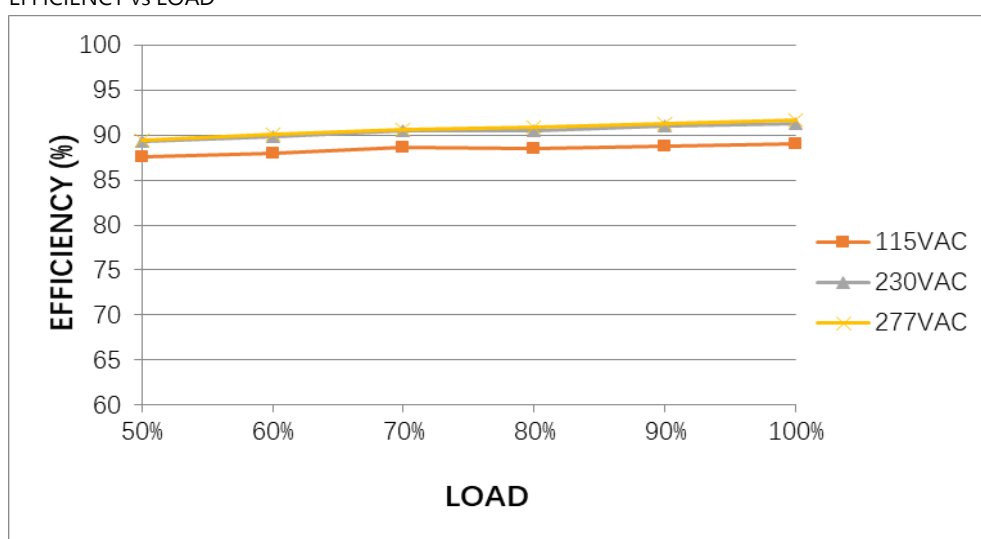
4	LEAKAGE CURRENT	< 0.25mA / 277 VAC	I/P : 277 VAC O/P : Min LOAD Ta : 25°C	L-FG: 0.012mA N-FG: 0.012 mA
5	STANDBY POWER CONSUMPTION	standby power consumption<0.5W (Dimming off)	I/P: 230VAC O/P : DIM OFF Ta : 25°C	0.4335W/230VAC
6	POWER FACTOR(TYP)	0.92 /277 VAC 0.95 /230 VAC 0.97 /115 VAC	I/P: 277VAC I/P: 230VAC I/P: 115VAC O/P: FULL LOAD Ta:25°C	PF= 0.942/277VAC PF= 0.980 /230VAC PF= 0.998/115VAC

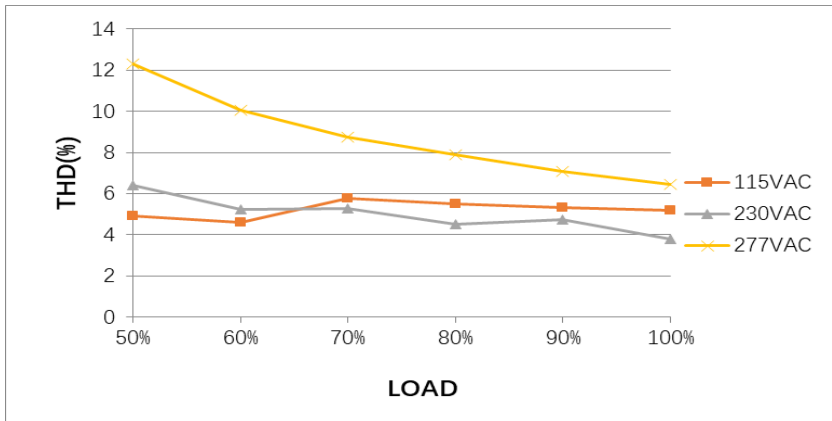
P.F vs LOAD



7	EFFICIENCY (TYP)	90%	I/P: 230 VAC O/P:FULL LOAD Ta:25°C	91.3%
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EFFICIENCY vs LOAD

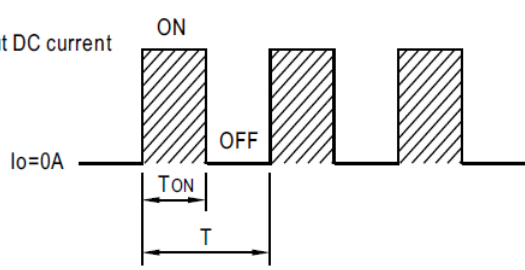
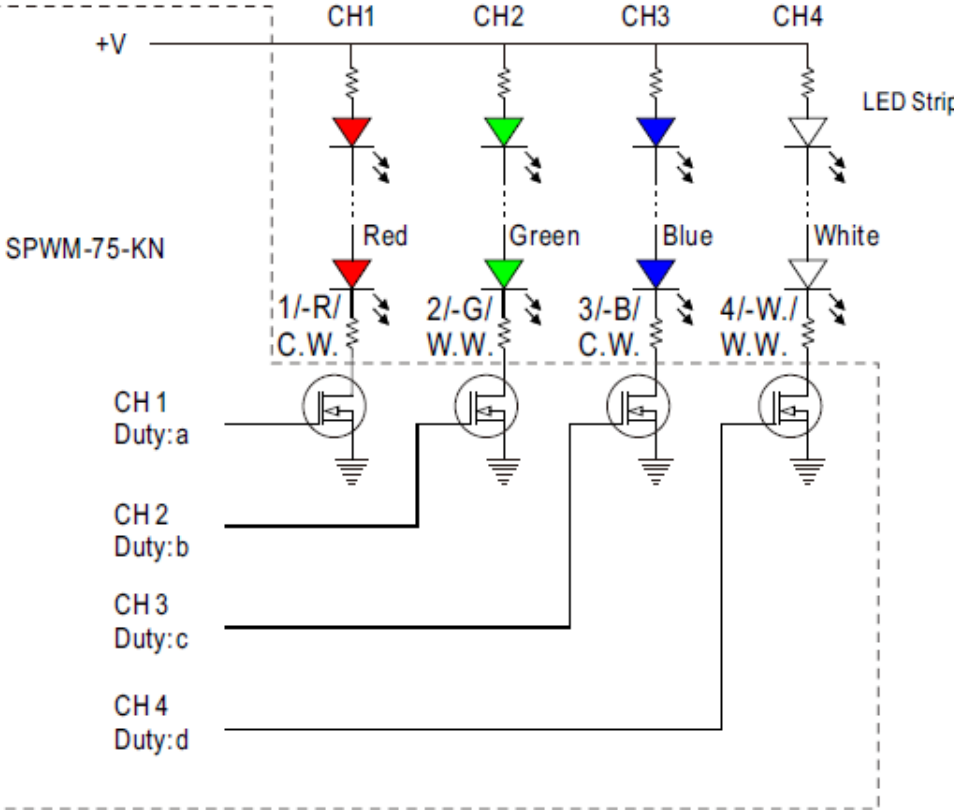


8	INRUSH CURRENT (TYP)	230 V/ 50 A COLD START (twidth=500us measured at 50% Ipeak) COLD START	I/P: 230 VAC O/P:FULL LOAD Ta:25°C	I = 34 A/ 230VAC T50=270 us																												
INPUT=230VAC/50HZ @ FULL LOAD CH4 : Input current CH2: AC Input Voltage DSO-X 3014A, MY56271052, Tue Sep 23 11:26:47 2025  KEYSIGHT TECHNOLOGIES 标准模式 200MS/s 通道 DC 10.0 1 DC 1000 1 DC 1.00 1 DC 500 10.0 1 光标 ΔX: +270.000000us 1/ΔX: +3.7037kHz ΔY(4): +34.0000A +15.0000V 10.0 1 +202.500V 1000 1 +2.500mV 1.00 1 +19.8750A 500 10.0 1 11:26 AM Sep 23, 2025																																
9	TOTAL HARMONIC DISTORTION	THD<10% @load≥ 50%/115VAC, 230VAC; @load≥ 75%/277VAC	I/P: 277VAC I/P: 230VAC I/P: 115VAC O/P : 75% LOAD 50% LOAD Ta : 25°C	THD : 8.55 %/277VAC*75%load THD : 6.42 %/230VAC*50%load THD : 4.90 %/115VAC*50%load																												
THD&LOAD  <table><thead><tr><th>LOAD</th><th>115VAC</th><th>230VAC</th><th>277VAC</th></tr></thead><tbody><tr><td>50%</td><td>5.0</td><td>6.5</td><td>12.5</td></tr><tr><td>60%</td><td>4.5</td><td>5.0</td><td>10.0</td></tr><tr><td>70%</td><td>5.5</td><td>5.5</td><td>8.5</td></tr><tr><td>80%</td><td>5.0</td><td>4.5</td><td>8.0</td></tr><tr><td>90%</td><td>5.0</td><td>4.5</td><td>7.0</td></tr><tr><td>100%</td><td>5.0</td><td>4.0</td><td>6.5</td></tr></tbody></table>					LOAD	115VAC	230VAC	277VAC	50%	5.0	6.5	12.5	60%	4.5	5.0	10.0	70%	5.5	5.5	8.5	80%	5.0	4.5	8.0	90%	5.0	4.5	7.0	100%	5.0	4.0	6.5
LOAD	115VAC	230VAC	277VAC																													
50%	5.0	6.5	12.5																													
60%	4.5	5.0	10.0																													
70%	5.5	5.5	8.5																													
80%	5.0	4.5	8.0																													
90%	5.0	4.5	7.0																													
100%	5.0	4.0	6.5																													

PROTECTION FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	OVER LOAD PROTECTION	105 % ~ 135 %	I/P: 305VAC I/P: 230VAC I/P: 110VAC O/P: TESTING Ta: 25°C	125.4%/ 305VAC 125.8%/ 230VAC 125.5%/ 110VAC Protection type : Hiccup mode, recovers automatically after fault condition is removed.
2	OVER VOLTAGE PROTECTION	V1: 27 V ~ 36 V	I/P: 305VAC I/P: 230VAC I/P: 110VAC O/P: MIN LOAD Ta: 25°C	30.87V/ 305VAC 30.87V/ 230VAC 30.87V/110VAC Protection type : Shut down O/P voltage, re-power on to recover after fault condition is removed
3	OVER TEMPERATURE PROTECTION	NO DAMAGE	I/P: 305 VAC I/P: 110 VAC O/P: FULL LOAD	O.T.P Active Protection type : Shut down O/P voltage, re-power on to recover after fault condition is removed
4	SHORT PROTECTION	SHORT EVERY OUTPUT 1 HOUR NO DAMAGE	I/P: 305VAC I/P: 110 VAC O/P: FULL LOAD Ta: 25°C	NO DAMAGE Protection type : Hiccup mode, recovers automatically after fault condition is removed.

CONTROL FUNCTION TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	Dimming principle for PWM style output	• Dimming is achieved by varying the duty cycle of the output current. Output DC current  Duty cycle(%) = $\frac{T_{ON}}{T} \times 100\%$ Output PWM frequency : 200Hz-20kHz(default:3.2kHz) I/P : 230 VAC O/P : TESTING Ta : 25°C TEST RESULT : OK		
2	Dimming principle for colour temperature dimming and brightness dimming	 I/P : 230 VAC O/P : TESTING Ta : 25°C TEST RESULT : OK		

3
KNX dimming
function

※ KNX dimming function

- The application program(database) can be downloaded via Online Catalogs from ETS or via <http://www.meanwell.com/productCatalog.aspx>

Parametrization options	Description
Operating mode	4x dimming channels 2x colour temperature 1x RGBW 1x colour temperature + 2 dimming channels
Enable channels	The channels of each mode can be flexibly enabled
General	- Template function - PWM frequency - Day/Night function - Operating hours - Telegram rate limitation - KNX Bus power-down behaviour setting - Channel swap - Emergency lighting - Temperature measurement
Specialized parameters	For colour temperature - cold white ratio in percent or light temperature in kelvin - Dim-2-warm - total brightness 100% or brightness 100% per channels For RGBW - HSV or RGB or RGBW model
Staircase light	- Prewarming mode - Permanent mode - Configurable duration time
Lock function	- Lock/Unlock behavior configurable - Release time configurable
Scenes	- Learn scene - Scene1~Scene8
Quick scene	Quick scene1~Quick scene5
Auto-dimming over time	Optional gradient dimming
Sequence	- Sequence1~Sequence5 - Step1~Step5

More parameters can be found in the ETS application databass and instruction manual

The device is equipped with KNX Data Secure. KNX Data Secure offers protection against manipulation in building automation and can be configured in the ETS project. Detailed specialist knowledge is required. A device certificate, which is attached to the device, is required for the first configuration. After configuration and ready for runtime (daily) operation, it is recommended to remove the certificate from the device and to store it securely. For details, please refer to the instruction manual.



I/P : 230 VAC
O/P : TESTING
Ta : 25°C
TEST RESULT : OK

4	Operating mode(Via database)			
		Application	Output channels	Output connections schematic diagram
		4x dimming channel	1 to 4 channels	
		1xRGBW (Channel W is optional)	3 channels or 4 channels	
		2x colour temperature	2 channels or 4 channels	
		1x colour temperature 2x dimming channel	1 to 4 channels	
		I/P : 230 VAC O/P : TESTING Ta : 25°C TEST RESULT : OK		

COMPONENT STRESS TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	PWM Transistor (D to S) or (C to E) Peak Voltage	Q2 Rated 7A/800V	AC ON/OFF I/P:High-Line +3V =308V O/P: (1)Full Load input (2)Output Short (3)Dimming off (4)OLP (5) No Load VDS: I/P:Low-Line -3V = 97V O/P: (1)Full Load input (2)Output Short (3)Dimming off (4)OLP (5) No Load Ta:25°C	VDS: (1) 608V (2) 596V (3) 596V (4) 620V (5) 596V VDS: (1) 604V (2) 600V (3) 604V (4) 616V (5) 604V

2	P.F.C Transistor (D to S) or (C to E) Peak Voltage	Q1 Rated 12A/650V	AC ON/OFF I/P:High-Line +3V =308 V O/P: (1)Full Load input (2)Output Short (3)Dimming off (4)OLP (5) No Load I/P:Low-Line -3V = 97V O/P: (1)Full Load input (2)Output Short (3)Dimming off (4)OLP (5) No Load Ta:25°C	VDS: (1) 495V (2) 475V (3) 459V (4) 463V (5) 459V VDS: (1) 512V (2) 512V (3) 512V (4) 512V (5) 512V
3	P.F.C DIODE	D5 Rated 8A/600V	AC ON/OFF I/P:High-Line +3V =308 V O/P: (1)Full Load input (2)Output Short (3)Dimming off (4)OLP (5) No Load I/P: Low-Line -3V = 97V O/P: (1)Full Load (2)Output Short (3)Dimming off (4)OLP (5) No Load Ta:25°C	(1) 463V (2) 459V (3) 459V (4) 459V (5) 459V (1) 463V (2) 459V (3) 459V (4) 459V (5) 459V
4	Diode Peak Voltage	Q100 Rated 50A/150V	AC ON/OFF I/P: High-Line +3V =308 V O/P: (1)Full Load (2)Output Short (3) Dimming off (4) OLP (5).NO LOAD Ta:25°C	VDS: (1) 135V (2) 135V (3) 135V (4) 135V (5) 133V
5	Input Capacitor Voltage	C5 Rated: 33μ /450V Surge voltage: 560 V	I/P:High-Line +3V =308V O/P: (1)Full Load input on/off (2) Min load input on /Off (3)Full Load /Min load Change (4)Full load continue Ta:25°C	(1) 491V (2) 451V (3) 451V (4) 443V

6	Control IC Voltage Test	DD IC U434 Rated (Vin) -0.3V~40V MCU IC U471 Rated 2.0V~3.6V	AC ON/OFF I/P: High-Line +3V =308 V O/P: (1)LEDmax (2) LEDmin (3)OUTPUT SHORT (4) NO LOAD (5) Dim off Ta:25°C	DD IC U434 (1) 10.7V (2) 10.8V (3) 10.8V (4) 10.5V (5) 10.4V MCU IC U471 <table><tr><td>TEST CONDITION</td><td>Level</td><td>Ripple</td></tr><tr><td>LEDmax</td><td>3.36V</td><td>0.19%</td></tr><tr><td>LEDmin</td><td>3.35V</td><td>0.145%</td></tr><tr><td>Output Short</td><td>3.35V</td><td>0.12%</td></tr><tr><td>NO LOAD VRmin.LOW LINE</td><td>3.36V</td><td>0.145%</td></tr><tr><td>DIM OFF</td><td>3.35V</td><td>0.193%</td></tr></table>	TEST CONDITION	Level	Ripple	LEDmax	3.36V	0.19%	LEDmin	3.35V	0.145%	Output Short	3.35V	0.12%	NO LOAD VRmin.LOW LINE	3.36V	0.145%	DIM OFF	3.35V	0.193%
TEST CONDITION	Level	Ripple																				
LEDmax	3.36V	0.19%																				
LEDmin	3.35V	0.145%																				
Output Short	3.35V	0.12%																				
NO LOAD VRmin.LOW LINE	3.36V	0.145%																				
DIM OFF	3.35V	0.193%																				
7	DIMMING MOS (DA2Q type)	Q110/ Q113 : Rated : 68A/60V	AC ON/OFF I/P : High-Line +3V = 308 V O/P : (1) Full Load (2) Output Short (3) Dim on/off Ta : 25°C	Q110 (1) 19.3V (2) 25.0V (3) 12.3V Q113 (1) 19.3V (2) 25.0V (3) 12.1V																		

SAFETY & EMC TEST REPORT

SAFETY TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	WITHSTAND VOLTAGE	I/P-O/P: 3.75K VAC/min	I/P-O/P: 4.125KVAC/min Ta:25°C	I/P-O/P: 1.498mA NO DAMAGE
2	ISOLATION RESISTANCE	I/P-O/P: 500VDC>100MΩ	I/P-O/P: 500VDC Ta:25°C	I/P-O/P: >9999MΩ NO DAMAGE

E.M.C TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT
1	HARMONIC	EN61000-3-2 CLASS C	I/P: 230 VAC/50HZ O/P:FULL LOAD Ta:25°C	PASS
2	CONDUCTION	EN55015 CLASS B	I/P: 230 VAC /50HZ O/P:FULL/50% LOAD Ta:25°C	PASS Test by certified Lab
3	RADIATION	EN55015 CLASS B	I/P: 230 VAC /50HZ O/P:FULL LOAD Ta:25°C	PASS Test by certified Lab
4	E.S.D	EN61000-4-2 AIR : 8KV / Contact : 4KV	I/P: 230 VAC/50HZ O/P:FULL LOAD Ta:25°C	CRITERIA B
5	E.F.T	EN61000-4-4 INPUT: 1KV	I/P: 230 VAC/50HZ O/P:FULL LOAD Ta:25°C	CRITERIA A
6	SURGE	IEC61000-4-5 L-N :2KV	I/P: 230 VAC/50HZ O/P:FULL LOAD Ta:25°C	CRITERIA A
7	Test by certified Lab & Test Report Prepare Any contradictions of the test results, please refer to the latest EMC test report			

■ RELIABILITY TEST

ENVIRONMENT TEST

NO	TEST ITEM	SPECIFICATION	TEST CONDITION	RESULT																																																																																
1	TEMPERATURE RISE TEST	MODEL : SPWM-75-24KN 1. ROOM AMBIENT BURN-IN : 2 HRS I/P : 230VAC O/P : FULL LOAD Ta=30.2 °C 2. HIGH AMBIENT BURN-IN : 2 HRS I/P : 230VAC O/P : FULL LOAD Ta=50.2 °C <table><tr><th>NO</th><th>Position</th><th>ROOM AMBIENT Ta=30.2°C</th><th>HIGH AMBIENT Ta=50.2°C</th></tr><tr><td>1</td><td>BD1</td><td>66.1°C</td><td>83.8°C</td></tr><tr><td>2</td><td>C1</td><td>52.4°C</td><td>70.9°C</td></tr><tr><td>3</td><td>R7</td><td>79.6°C</td><td>97.0°C</td></tr><tr><td>4</td><td>Q1</td><td>87.9°C</td><td>105.0°C</td></tr><tr><td>5</td><td>L2</td><td>76.0°C</td><td>93.4°C</td></tr><tr><td>6</td><td>D5</td><td>84.0°C</td><td>101.3°C</td></tr><tr><td>7</td><td>C5</td><td>72.7°C</td><td>89.6°C</td></tr><tr><td>8</td><td>Q2</td><td>94.4°C</td><td>111.4°C</td></tr><tr><td>9</td><td>C62</td><td>80.8°C</td><td>97.9°C</td></tr><tr><td>10</td><td>U2</td><td>79.6°C</td><td>96.8°C</td></tr><tr><td>11</td><td>T1</td><td>91.9°C</td><td>108.6°C</td></tr><tr><td>12</td><td>Q100</td><td>77.5°C</td><td>96.6°C</td></tr><tr><td>13</td><td>U402</td><td>54.2°C</td><td>72.3°C</td></tr><tr><td>14</td><td>C104</td><td>75.9°C</td><td>95.3°C</td></tr><tr><td>15</td><td>Q110</td><td>52.4°C</td><td>72.2°C</td></tr><tr><td>16</td><td>U100</td><td>89.2°C</td><td>108.8°C</td></tr><tr><td>17</td><td>RTH2</td><td>75.4°C</td><td>92.6°C</td></tr><tr><td>18</td><td>TC</td><td>65.3°C</td><td>82.5°C</td></tr><tr><td>19</td><td>C452</td><td>56.5°C</td><td>74.7°C</td></tr></table>			NO	Position	ROOM AMBIENT Ta=30.2°C	HIGH AMBIENT Ta=50.2°C	1	BD1	66.1°C	83.8°C	2	C1	52.4°C	70.9°C	3	R7	79.6°C	97.0°C	4	Q1	87.9°C	105.0°C	5	L2	76.0°C	93.4°C	6	D5	84.0°C	101.3°C	7	C5	72.7°C	89.6°C	8	Q2	94.4°C	111.4°C	9	C62	80.8°C	97.9°C	10	U2	79.6°C	96.8°C	11	T1	91.9°C	108.6°C	12	Q100	77.5°C	96.6°C	13	U402	54.2°C	72.3°C	14	C104	75.9°C	95.3°C	15	Q110	52.4°C	72.2°C	16	U100	89.2°C	108.8°C	17	RTH2	75.4°C	92.6°C	18	TC	65.3°C	82.5°C	19	C452	56.5°C	74.7°C
NO	Position	ROOM AMBIENT Ta=30.2°C	HIGH AMBIENT Ta=50.2°C																																																																																	
1	BD1	66.1°C	83.8°C																																																																																	
2	C1	52.4°C	70.9°C																																																																																	
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7	C5	72.7°C	89.6°C																																																																																	
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10	U2	79.6°C	96.8°C																																																																																	
11	T1	91.9°C	108.6°C																																																																																	
12	Q100	77.5°C	96.6°C																																																																																	
13	U402	54.2°C	72.3°C																																																																																	
14	C104	75.9°C	95.3°C																																																																																	
15	Q110	52.4°C	72.2°C																																																																																	
16	U100	89.2°C	108.8°C																																																																																	
17	RTH2	75.4°C	92.6°C																																																																																	
18	TC	65.3°C	82.5°C																																																																																	
19	C452	56.5°C	74.7°C																																																																																	
2	OVER LOAD BURN-IN TEST	NO DAMAGE 1 HOUR (MIN)	I/P : 230 VAC O/P : 119%LOAD Ta : 25°C	TEST : OK																																																																																
3	LOW TEMPERATURE TURN ON TEST	TURN ON AFTER 2 HOUR	I/P : 305VAC/100VAC O/P : 100/90%LOAD Ta= -25°C	TEST : OK																																																																																
4	HIGH HUMIDITY HIGH TEMPERATURE HIGH VOLTAGE TURN ON TEST	AFTER 12 HOURS IN CHAMBER ON CONTROL 50°C NO DAMAGE	I/P : 315 VAC O/P : FULL LOAD Ta=50°C HUMIDITY= 95%R.H	TEST : OK																																																																																
5	TEMPERATURE COEFFICIENT	±0.03%(0~50°C)	I/P : 230 VAC O/P : FULL LOAD	±0.0082%(0~50°C)																																																																																

6	STORAGE TEMPERATURE TEST	-40~+80°C	1. Thermal shock Temperature : -45°C~ +90°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 10CYCLE 5. Input/output condition : STATIC TEST : OK
7	THERMAL SHOCK TEST	-20~+50°C	1. Thermal shock Temperature : -25°C~ +55°C 2. Temperature change rate : 25°C / MIN 3. Dwell time low and high temperature : 30 MIN/EACH 4. Total test cycle : 16 CYCLE 5. Input/Output condition : 15cycle:230V/ FULL LOAD AC ON 3sec/AC OFF 1sec TEST 1cycle:230V/ FULL LOAD Burn In Test
8	VIBRATION TEST	5 ~ 100Hz, 2G 12min./1cycle, 72min. each along X, Y, Z axes	1 Carton & 1 Set (1) Waveform : Sine Wave (2) Frequency : 5~100Hz (3) Sweep Time : 12min/sweep cycle (4) Acceleration : 3G (5) Test Time : 180min in each axis (X.Y.Z) (6) Ta : 25°C
9	CAPACITOR LIFE CYCLE	SUPPOSE C104 IS THE MOST CRITICAL COMPONENT (1) I/P : 230VAC O/P : FULL LOAD Ta=25°C LIFE TIME (2) I/P : 230VAC O/P : FULL LOAD Ta=50°C LIFE TIME (3) I/P : 230VAC O/P : 75% LOAD Ta =50°C LIFE TIME (4) I/P : 230VAC O/P : 50% LOAD Ta =50°C LIFE TIME	(1) 2075200HRS (2) 125043HRS (3) 336558HRS (4) 788969HRS
10	MTBF	Conducted by Parts Stress Analysis Prediction 2396.9K hrs min. Telcordia SR-332 (Bellcore) ; 205.7K hrs min. MIL-HDBK-217F (25°C)	
11	Ongoing Reliability Test	I/P : 230VAC O/P : FULL LOAD TA=50°C Demonstration Mean Time Between Failure : 50,000 hours	

TEST RESULT	TESTER	REVIEW	APPROVAL
PASS	WUWQIN/ZHOUBIAO	WENF	WUWQ

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