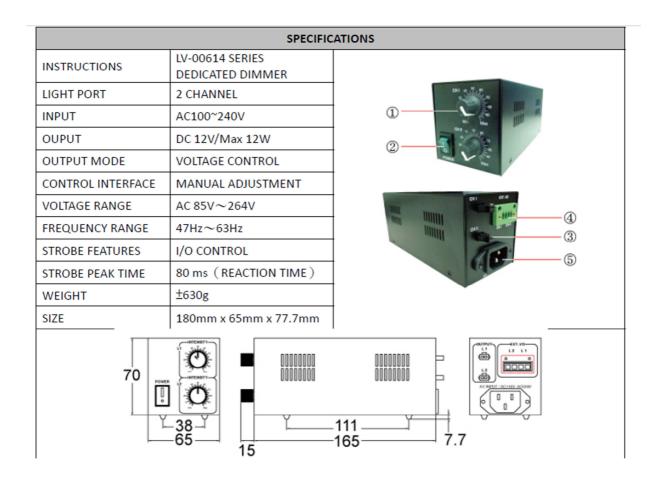


PRODUCT SPECIFICATION

PRODUCT: Optart PSP-12122-LV

SPECIFICATION: LED Power Supply

POWER SUPPLY: PSP-12122-LV

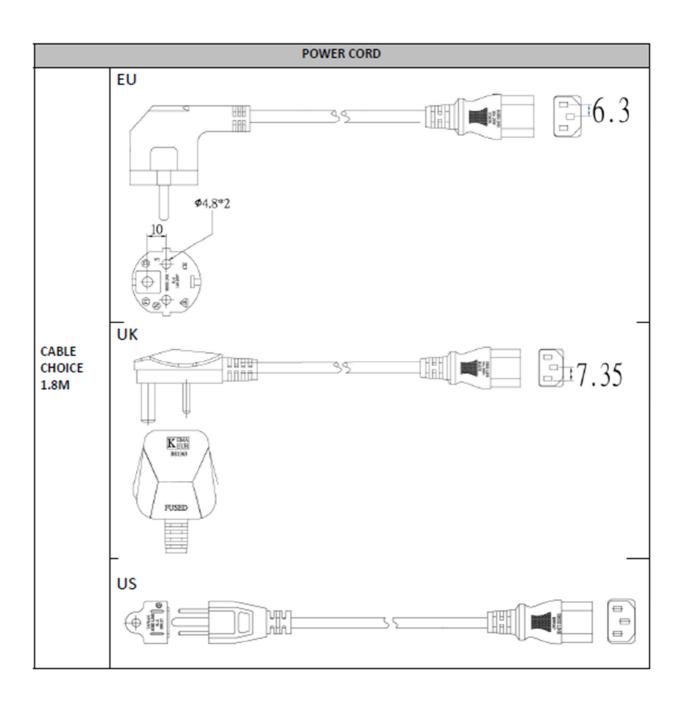


- ①LIGHTING ADJUST KNOB: ENABLE ADJUSTING BRIGHTNESS FROM 0% ~ 100%.
- ②POWER SWITCH: "I" INDICATED SWITCH ON, THE SWITCH LIGHT WILL BE ON; "O" INDICATED SWITCH OFF.





- **4)**STROBE INPUT: WHEN THE LIGHTS ON, INPUT BETWEEN 5V TO 24V, LIGHTS WILL BE OFF.
 - (1)CH1 SIGNAL INPUT
 - (2) CH2 SIGNAL INPUT
- (3) B . D : COM .
- **⑤AC POWER INPUT CONNECTOR / AC INLET**







EC-Conformity Declaration

For the following equipment:

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied: ROHS Directive (2011/65/EU) Low Voltage Directive (2006/95/EC): EN60950-1:2006+A11+A1+A12 TUV certificate No : R50246216 Electromagnetic Compatibility Directive (2004/108/EC): EMI (Electro-Magnetic Interference) Conducted emission / Radiated emission	Product Name: Switching P	ower Supplies			
Note	Model Designation: EPS-16	5-x (x=3.3,5,7.5,12,15,24,27,36,48)			
Electromagnetic Compatibility Directive (2004/108/EC): EMI (Electro-Magnetic Interference) Conducted emission / Radiated emission	were applied :		Council D	Directive, the following	owing standards
Electromagnetic Compatibility Directive (2004/108/EC): EMI (Electro-Magnetic Interference) Conducted emission / Radiated emission	Low Voltage Directive (2006/95/EC):			
EMI (Electro-Magnetic Interference) Conducted emission / Radiated emission EN5502:22010 EN55011:2009+A1:2010 (Group 1) EN51000-6-3:2007+A1:2011 Harmonic current EN61000-3-3:2008 EMS (Electro-Magnetic Susceptibility) EN65024:2010 EN61004-3:2000 EN61000-6-2:2005 ESD air EN61000-4-2:2009 Level 3 8KV ESD contact EN61000-4-2:2009 Level 2 4KV RF field susceptibility EN51000-4-3:2006+A1:2010 EN61000-4-3:2006+A1:2010 Level 2 10V/m EFT bursts EN61000-4-3:2006+A1:2010 Level 2 2 KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2 KV/Line-Line 4 KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Solution of the installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment menufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies", (as available on hits//www.magnewic.com"). This Declaration is effective from serial number EB3xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	EN60950-1:2006+A11+A1+	+A12 TUV certificate No : R50246216			
Conducted emission / Radiated emission EN55022-2010 EN55012-2010 EN55022-2010 EN55022-2010 EN55022-2010 EN55022-2010 EN55022-2007+A1:2011 Harmonic current EN61000-3-2:2006+A1:2009+A2:2009 Voltage flicker EN61000-3-2:2006+A1:2009+A2:2009 EMS (Electro-Magnetic Susceptibility) EN55024:2010 EN61004-3:2000 EN61000-6-2:2009 ESD air EN61000-4-2:2009 Level 2 4KV ESD contact EN61000-4-2:2009 Level 2 10V/m EFT bursts EN61000-4-3:2006+A1:2006+A2:2010 Level 2 2 KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 2 2 KV/5KHz Surge susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-6:2009 Level 2 30A/m Voltage dip, interruption EN61000-4-6:2009 Level 2 30A/m Voltage dip, interruption EN61000-4-1:2004 Septimanous will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on http://www.magnweil.com/)* This Declaration is effective from serial number EB3xxxxxxx Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Teipei City 248, Talwan (R.O.C.) (Manufacturer Address) Jan. 09, 2013	Electromagnetic Comp	eatibility Directive (2004/108/EC) :			
EN55022:2010 EN55011:2009+A1:2010 (Group 1) EN5000-6-3:2007+A1:2011 Harmonic current EN61000-3-2:2006+A1:2009+A2:2009 Voltage flicker EN61000-3-3:2008 EMS (Electro-Magnetic Susceptibility) EN55024:2010 EN61204-3-2000 EN61000-6-2:2005 ESD air EN61000-4-2:2009 Level 3 SKV ESD contact EN61000-4-2:2009 Level 2 4KV RF field susceptibility EN61000-4-2:2009 Level 2 10V/m EFT bursts EN61000-4-3:2006+A1:2008+A2:2010 Level 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 P96% dip 0.5 periods 30% dip 25 periods P66% interruptions 250 periods Note: DNC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate acid metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on http://www.magnwei.be/miler.ing) The EMC tests mentioned above are performed using a well defined metal plate to simulate acid metal enclosure. The guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on http://www.magnwei.be/miler.ing) The EMC tests mentioned above are performed using a well defined metal plate to simulate acid metal enclosure. The peclaration is effective from serial number EB3xxxxxxx (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Teipei City 248, Talwan (R.O.C.) (Manufacturer Address) Jan. 09, 2013	EMI (Electro-Magnetic Int	erference)			
EMS (Electro-Magnetic Susceptibility)	Conducted emission / Radi	EN55022:2010 Class B EN55011:2009+A1:2010 (Group 1) Class B		The same of the sa	
EMS (Electro-Magnetic Susceptibility) EN55024:2010 EN61204-3:2000 EN61000-6-2:2005 ESD air EN61000-4-2:2009 Level 3 8KV ESD contact EN61000-4-2:2009 Level 2 4KV RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 2 10V/m EFT bursts EN61000-4-3:2006+A1:2010 Level 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >65% interruptions 250 periods Note: PMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on hito://www.maanwell.com/). This Declaration is effective from serial number EB3:0000000x Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Hazng/Senior Verification Engineer: (Name / Position) Jan. 09, 2013	Harmonic current	EN61000-3-2:2006+A1:2009+A2:2009			
EN5024:2010 EN61204-3:2000 EN61000-6-2:2005 ESD air EN61000-4-2:2009 Level 2 4KV ESD contact EN61000-4-2:2009 Level 2 4KV RF field susceptibility EN61000-4-3:2006+A1:2008+A2:2010 Level 2 10V/m EFT bursts EN61000-4-4:2004+A1:2010 Level 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-6:2009 Level 2 30A/m Voltage dip, interruption EN61000-4-6:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-1:2004 >95% dip 0.5 periods 30% dip 25 periods >65% interruptions 250 periods Note: Short EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies". (as available on http://www.msanweil.com)*. This Declaration is effective from sarial number EB3xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	Voltage flicker	EN61000-3-3: 2008			
ESD air EN61000-4-2:2009 Level 2 4KV RF field susceptibility EN61000-4-3:2005+A1:2008+A2:2010 Level 2 10V/m EFT bursts EN61000-4-3:2005+A1:2008+A2:2010 Level 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-6:2009 Level 2 30A/m Voltage dip, interruption EN61000-4-1:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on hito://www.msarwedi.com)*. This Declaration is effective from serial number EB3:000000x Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Jan. 09, 2013	EMS (Electro-Magnetic S	usceptibility)			
ESD contact EN61000-4-2: 2009 EPT bursts EN61000-4-3:2006+A1:2008+A2:2010 EPT bursts EN61000-4-4:2004+A1:2010 Evel 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on http://www.maanwell.com)*. This Declaration is effective from serial number EB3xxxxxxxx Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Serior Verification Engineer: (Name / Position) Teiwan Jan. 09, 2013	EN55024:2010 EN61204	-3:2000 EN61000-6-2:2005			
RF field susceptibility	ESD air	EN61000-4-2:2009	Level 3	8KV	
EFT bursts EN61000-4-4:2004+A1:2010 Level 2 2KV/5KHz Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >65% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to 'EMI testing of component power supplies' (as available on http://www.msanwell.com)*. This Declaration is effective from serial number EB3xxxxxxxx Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Teiwan Jan. 09, 2013	ESD contact	EN61000-4-2: 2009	Level 2	4KV	
Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line 4KV/Line-Earth Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on http://www.meanwell.com)**. This Declaration is effective from serial number EB3xxxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Ted Cheng/Product Manager: (Signature) Ted Cheng/Product Manager: (Signature) Taiwan Jan. 09, 2013	RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 2	10V/m	
Conducted susceptibility EN61000-4-6:2009 Level 2 10V Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >65% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on http://www.meanwell.com)*. This Declaration is effective from serial number EB3xxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Talwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Ted Cheng/Product Manager: (Signature) Ted Cheng/Product Manager: (Signature) Taiwan Jan. 09, 2013	EFT bursts	EN61000-4-4:2004+A1:2010	Level 2	2KV/5KHz	
Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well-defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to 'EMI testing of component power supplies' (as available on http://www.meanwell.com)". This Declaration is effective from serial number EB3xxxxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Tel Cheng/Product Manager: (Signature) Tel Cheng/Product Manager: (Signature) Taiwan Jan. 09, 2013	Surge susceptibility	EN61000-4-5:2006	Level 3	2KV/Line-Line	4KV/Line-Earth
Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on http://www.msanweil.com)". This Declaration is effective from serial number EB3xxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Teiwan Jan. 09, 2013	Conducted susceptibility	EN61000-4-6:2009	Level 2	10V	
Note: A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-quality EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on http://www.meanweil.com/ . This Declaration is effective from serial number EB3xxxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johny Huang/Senior Verification Engineer: (Name / Position) Teiwan Jan. 09, 2013	Magnetic field immunity	EN61000-4-8:2010	Level 2	30A/m	
A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" (as available on http://www.meanwell.com/ . This Declaration is effective from serial number EB3xxxxxxx Person responsible for marking this declaration: Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnsy Huang/Senior Verification Engineer: (Name / Position) Ted Cheng/Product Manager: (Signature) Jan. 09, 2013	Voltage dip, interruption	EN61000-4-11:2004 >95% dip 0.5 periods 3	0% dip 25 pe	riods >95% intern	uptions 250 periods
Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Taiwan Jan. 09, 2013	A component power supply wenclosure. Since EMC perform EMC Directive on the complete The EMC tests mentioned above for guidance on how to perform the employment of the complete state.	nance will be affected by the complete installation installation again, ove are performed using a well defined metal pla orm these EMC tests, please refer to "EMI testing"	, the final equate to simulat	uipment manufactu le said metal enclo	rers must re-qualify sure.
Mean Well Enterprises Co., Ltd. (Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Taiwan Jan. 09, 2013	Person responsible for ma	rking this declaration :			
(Manufacturer Name) No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.) (Manufacturer Address) Johnny Huang/Senior Verification Engineer: (Name / Position) Taiwan Jan. 09, 2013					
(Manufacturer Address) Johnny Huang/Senior Verification Engineer: Ted Cheng/Product Manager: Yell Cheng (Name / Position) Taiwan Jan. 09, 2013	and the state of t	., Ltd.			
(Name / Position) (Signature) (Signature) Jan. 09, 2013		Jugu Dist., New Taipei City 248, Taiwan (R.	O.C.)	4	1 0 00
				- 4	ature) Cheng
(Place) (Date)					
	(Place)	(Date)			