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## Features:

- Constant voltage design
- Universal AC input / Full range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Fully encapsulated with IP67 level (Note.8)
- · Fully isolated plastic case
- ${}^{\bullet}$  Class  ${\rm I\hspace{-.1em}I}$  power unit, no FG
- Class 2 power unit
- Pass LPS
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.12)
- 100% full load burn-in test

- Low cost, high reliability
- · 2 years warranty

## User's Manual

## **SPECIFICATION**

**■** GTIN CODE

## □ LPS IP67 (S) (NOIE 13) CNUS [MICBCECK

OLD UP TIME (Typ.)	±6.0% ±1.0% ±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the content of the	ms/115VAC at full load ~ 370VDC 84% 30VAC th=510µs measured a	84% at 50% Ipeak) at 230VAC	24V 1.5A 0 ~ 1.5A 36W 150mVp-p	36V 1A 0~1A 36W 150mVp-p		
URRENT RANGE ATED POWER IPPLE & NOISE (max.) Note.2 OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT	0 ~ 6A (Note.7)  30W  80mVp-p  ±6.0%  ±1.0%  ±4.0%  500ms, 20ms / 230VAC  50ms/230VAC  16r  90 ~ 264VAC  127  47 ~ 63Hz  77%  1.1A/115VAC  0.7A/2  COLD START 55A(twid  4 units (circuit breaker of the content of the c	0 ~ 3A 36W 120mVp-p ±5.0%  ±2.0% 500ms, 20ms / 115 ms/115VAC at full load ~ 370VDC  84% 30VAC th=510μs measured a	0 ~ 2.4A 36W 120mVp-p	0 ~ 1.5A 36W 150mVp-p	0 ~ 1A 36W 150mVp-p		
ATED POWER  IPPLE & NOISE (max.) Note.2  OLTAGE TOLERANCE Note.3  INE REGULATION  OAD REGULATION  ETUP, RISE TIME Note.6  OLD UP TIME (Typ.)  OLTAGE RANGE Note.4  REQUENCY RANGE  FFICIENCY (Typ.)  C CURRENT (Typ.)  IRUSH CURRENT(Typ.)  IAX. No. of PSUs on 16A  IRCUIT BREAKER  EAKAGE CURRENT  VERLOAD	30W 80mVp-p ±6.0% ±1.0% ±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the content of the con	36W 120mVp-p ±5.0% ±2.0% 500ms, 20ms / 115 ms/115VAC at full load ~ 370VDC 84% 30VAC th=510μs measured at	36W 120mVp-p VAC at full load 1 84% at 50% lpeak) at 230VAC	36W 150mVp-p	36W 150mVp-p		
IPPLE & NOISE (max.) Note.2 OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	80mVp-p ±6.0% ±1.0% ±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the content	±2.0%  ±2.0%  500ms, 20ms / 115 ms/115VAC at full load ~ 370VDC  84%  30VAC th=510μs measured a	120mVp-p  WAC at full load  84%  at 50% lpeak) at 230VAC	150mVp-p	150mVp-p		
OLTAGE TOLERANCE Note.3 INE REGULATION OAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	±6.0% ±1.0% ±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the content of the	±5.0%  ±2.0%  500ms, 20ms / 115  ms/115VAC at full load  ~ 370VDC  84%  30VAC  th=510μs measured at	VAC at full load  84% at 50% Ipeak) at 230VAC	85%			
INE REGULATION OAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	±1.0% ±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the control of the contro	±2.0% 500ms, 20ms / 115 ms/115VAC at full load ~ 370VDC  84% 30VAC th=510μs measured a	84% at 50% Ipeak) at 230VAC		85%		
OAD REGULATION ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	±4.0% 500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the control of t	500ms, 20ms / 115'ms/115VAC at full load ~ 370VDC  84% 30VAC th=510µs measured a	84% at 50% Ipeak) at 230VAC		85%		
ETUP, RISE TIME Note.6 OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	500ms, 20ms / 230VAC 50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the control of the con	500ms, 20ms / 115'ms/115VAC at full load ~ 370VDC  84% 30VAC th=510µs measured a	84% at 50% Ipeak) at 230VAC		85%		
OLD UP TIME (Typ.) OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT	50ms/230VAC 16r 90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the control of the con	ms/115VAC at full load ~ 370VDC 84% 30VAC th=510µs measured a	84% at 50% Ipeak) at 230VAC		85%		
OLTAGE RANGE Note.4 REQUENCY RANGE FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT	90 ~ 264VAC 127 47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of the control of the contr	~ 370VDC 84% 30VAC th=510µs measured a	84% at 50% Ipeak) at 230VAC		85%		
REQUENCY RANGE  FFICIENCY (Typ.)  C CURRENT (Typ.)  IRUSH CURRENT(Typ.)  IAX. No. of PSUs on 16A  IRCUIT BREAKER  EAKAGE CURRENT  VERLOAD	47 ~ 63Hz 77% 1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of 0.25mA / 240VAC 110 ~ 150% rated output	84% 30VAC th=510µs measured a	at 50% Ipeak) at 230VAC		85%		
FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	77%  1.1A/115VAC 0.7A/2  COLD START 55A(twid  4 units (circuit breaker of 0.25mA / 240VAC)  110 ~ 150% rated output	30VAC th=510μs measured a	at 50% Ipeak) at 230VAC		85%		
FFICIENCY (Typ.) C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of 0.25mA / 240VAC 110 ~ 150% rated output	30VAC th=510μs measured a	at 50% Ipeak) at 230VAC		85%		
C CURRENT (Typ.) IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	1.1A/115VAC 0.7A/2 COLD START 55A(twid 4 units (circuit breaker of 0.25mA / 240VAC 110 ~ 150% rated output	30VAC th=510μs measured a	at 50% Ipeak) at 230VAC				
IRUSH CURRENT(Typ.) IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	COLD START 55A(twide 4 units (circuit breaker of 0.25mA / 240VAC 110 ~ 150% rated output	th=510μs measured a	. ,	22242			
IAX. No. of PSUs on 16A IRCUIT BREAKER EAKAGE CURRENT VERLOAD	4 units (circuit breaker of 0.25mA / 240VAC 110 ~ 150% rated output		. ,	000140			
VERLOAD	110 ~ 150% rated outpu		4 units (circuit breaker of type B) / 7 units (circuit breaker of type C) at 230VAC				
	·	0.25mA / 240VAC					
	·	110 ~ 150% rated output power					
VER VOLTAGE	Protection type : Hiccup mode, recovers automatically after fault condition is removed						
VER VOLTAGE	5.75 ~ 6.75V	13.8 ~ 16.2V	17.25 ~ 20.25V	27.6 ~ 32.4V	41.4 ~ 48.6V		
	Protection type : Shut d	own o/p voltage, re-p	ower on to recover				
ORKING TEMP.	-30 ~ +65°C (Refer to "Derating Curve")						
ORKING HUMIDITY	20 ~ 90% RH non-condensing						
TORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH						
EMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	141					
IBRATION	, ,	/1 cycle period for 60	min. each along X, Y, Z ax	00			
AFETY STANDARDS		SA No. 223-M91, BIS	IS15885(Note 13), IEC62				
/ITHSTAND VOLTAGE	I/P-O/P:3KVAC						
SOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH						
MC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class A, BS EN/EN61000-3-3, EAC TP TC 020						
MC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55035, light industry level, EAC TP TC 020						
TBF	· ·			<u> </u>	020		
	148*40*30mm (L*W*H)						
Ripple & noise are measured at Tolerance: includes set up toler: Derating may be needed under The power supply is considered complete installation, the final ec (as available on https://www.mea. Length of set up time is measur LPV-35-5 can provide 6A of outp. Suitable for indoor use or outdor. The ambient temperature deratin.). Products sourced from the Ami	20MHz of bandwidth by us ance, line regulation and loc low input voltage. Please of as a component that will by uppment manufacturers mu anwell.com//Upload/PDF/Eh. anwell.com//Upload/PDF/Eb. got use without direct sunligh go of 3.5 °C/1000m with fanl encas regions may not have of water proof function install bad/PDF/LED_EN.pdf 'LED lighting luminaire app na regions may not have the	ing a 12" wisted pair-wad regulation.  Are gulation each the static characte e operated in combination is re-qualify EMC Direc MIL statement_en.pdf) oN/OFF the power sussed on the requirement texposure. Please avo ess models and of 5°C/ e the TUV/BIS/CCC log ation caution, please relications in the EU.(In the BIS logo, please continued the static place in the EU.(In the BIS logo, please continued the static place in the EU.(In the BIS logo, please continued the static place is the static place in the EU.(In the BIS logo, please continued the static place is the static place in the static place in the static place is the static place in the static place in the static place in the static place in the static place is the static place in th	ire terminated with a 0.1uf & ristics for more details. on with final equipment. Sinc tive on the complete installat pply may lead to increase of of UL1310 class 2, the outpid immerse in the water over 1000m with fan models for co. Please contact your MEAI fer our user manual before use EU the LPF/NPF/XLG seract your MEAN WELL sales	47uf parallel capacitor.  Be EMC performance will be aftion again.  The set up time.  Ut current is only certified up to 30 minute.  Doperating altitude higher than 2 N WELL sales for more inform sing.  The set up time.	o 5A for the test report of LPV-35		
All Ri To Ca (a Le LF St Th). F	ENSION  EKING  Parameters NOT specially me pple & noise are measured at elerance: includes set up toler erating may be needed under ne power supply is considered implete installation, the final ecs available on https://www.mes.mgth of set up time is measure?v-35-5 can provide 6A of out puttable for indoor use or outdout a mainle of the measure of th	ENSION  148*40*30mm (L*W*H)  0.34Kg; 40pcs/14.6Kg/0  parameters NOT specially mentioned are measured at 2  pple & noise are measured at 20MHz of bandwidth by us  elerance : includes set up tolerance, line regulation and loc  erating may be needed under low input voltage. Please ch  er power supply is considered as a component that will be  miplete installation, the final equipment manufacturers mu  s available on https://www.meanwell.com//Upload/PDF/EN  ength of set up time is measured at first cold start. Turning  2V-35-5 can provide 6A of output current continuously. Ba  uitable for indoor use or outdoor use without direct sunligh  the ambient temperature derating of 3.5°C/1000m with fanl  Products sourced from the Americas regions may not have  for any application note and IP water proof function install  attps://www.meanwell.com//Upload/PDF/LED_EN.pdf  This product is not intended for LED lighting luminaire app  Products sourced from the China regions may not have the	ENSION  148*40*30mm (L*W*H)  0.34Kg; 40pcs/14.6Kg/0.70CUFT  parameters NOT specially mentioned are measured at 230VAC input, rated load pple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wallerance: includes set up tolerance, line regulation and load regulation. Berating may be needed under low input voltage. Please check the static character be power supply is considered as a component that will be operated in combination and possible installation, the final equipment manufacturers must re-qualify EMC Direct award and the static character and the static properties available on https://www.meanwell.com//Upload/PDF/EMI statement_en.pdf) ength of set up time is measured at first cold start. Turning ON/OFF the power supplies for indoor use or outdoor use without direct sunlight exposure. Please award earthing of 3.5°C/1000m with fanless models and of 5°C/1000m with fanless models and of 5°C/1000m supplication on the Americas regions may not have the TUV/BIS/CCC log for any application note and IP water proof function installation caution, please refutps://www.meanwell.com//Upload/PDF/LED_EN.pdf This product is not intended for LED lighting luminaire applications in the EU.(In the Products sourced from the China regions may not have the BIS logo, please contributed.)	ENSION  148*40*30mm (L*W*H)  0.34Kg; 40pcs/14.6Kg/0.70CUFT  Iparameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temper pole & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & elerance: includes set up tolerance, line regulation and load regulation. Please check the static characteristics for more details. The power supply is considered as a component that will be operated in combination with final equipment. Since implete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installates available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf) ength of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of PV-35-5 can provide 6A of output current continuously. Based on the requirement of UL1310 class 2, the output lable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over the ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for corroducts sourced from the Americas regions may not have the TUV/BIS/CCC logo. Please contact your MEAN for any application note and IP water proof function installation caution, please refer our user manual before untps://www.meanwell.com/Upload/PDF/LED_EN.pdf This product is not intended for LED lighting luminaire applications in the EU.(In the EU the LPF/NPF/XLG ser Products sourced from the China regions may not have the BIS logo, please contact your MEAN WELL sales	ENSION  148*40*30mm (L*W*H)  2KING  0.34Kg; 40pcs/14.6Kg/0.70CUFT  1parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.  pple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.  Iderance: includes set up tolerance, line regulation and load regulation.  Perating may be needed under low input voltage. Please check the static characteristics for more details.  The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be after installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.  Sa available on https://www.meanwell.com//Upload/PDF/EMI_statement_en.pdf)  region of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.  24/35-5 can provide 6A of output current continuously. Based on the requirement of UL1310 class 2, the output current is only certified up to uitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.  The products our derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2 products sourced from the Americas regions may not have the TUV/BIS/CCC logo. Please contact your MEAN WELL sales for more inform or any application note and IP water proof function installation caution, please refer our user manual before using.		



