



IP42

IS 15885(Part 2/Sec13)  
R-41027766


## Features

- Constant current design
- Universal AC input / Full range
- Class II power unit, no FG
- Fully isolated plastic case
- IP42 design
- Small and compact size
- Cooling by free air convection
- Protection: Short circuit
- No load power consumption <0.5W
- 100% full load burn-in test
- Low cost / High reliability
- 2 years warranty

## Applications

- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.6)

## GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

## Description

APC-8 series is one 8W AC/DC constant current mode single output LED power supply. It accepts the full range input 90~264VAC and provides four models with different output current, 250mA, 350mA, 500mA and 700mA, respectively, that the small wattage LED applications employ the most frequently. Exploiting Class II design (without FG pin) and adopting the 94V-0 flame retardant plastic enclosure, APC-8 ideally fits the entry-level LED applications.

## Model Encoding

APC - 8 - 350

Output current

Output wattage

Series name

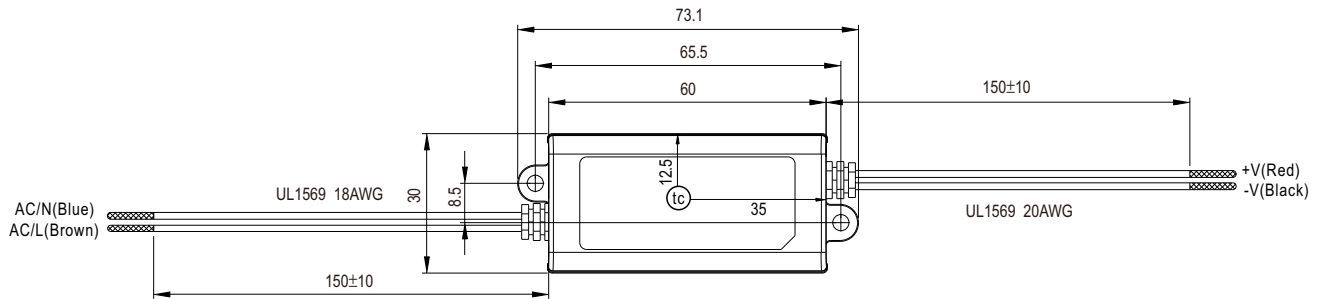


## SPECIFICATION

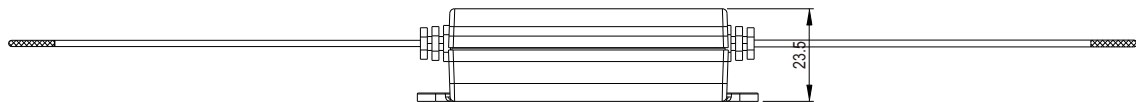
MODEL		APC-8-250	APC-8-350	APC-8-500	APC-8-700
OUTPUT	RATED CURRENT	250mA	350mA	500mA	700mA
	OPERATING VOLTAGE RANGE <small>Note.4</small>	16~32V	11~23V	8~16V	6~11V
	RATED POWER	8W	8.05W	8W	7.7W
	RIPPLE & NOISE <small>(max.) Note.2</small>	350mVp-p	300mVp-p	300mVp-p	250mVp-p
	NO LOAD OUTPUT VOLTAGE	38V	29V	24V	17V
	CURRENT ACCURACY	±8.0%			
	SETUP, RISE TIME	500ms, 180ms / 230VAC      3000ms, 150ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	20ms/230VAC at full load			
INPUT	VOLTAGE RANGE <small>Note.3</small>	90 ~ 264VAC      127 ~ 370VDC (Note.5)			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY(Typ.)	82.5%	81.5%	81%	80%
	AC CURRENT	0.15A/230VAC;0.3A/115VAC			
	INRUSH CURRENT(Typ.)	COLD START 70A(twidth=120μs measured at 50% Ipeak) at 230VAC			
	LEAKAGE CURRENT	0.25mA / 240VAC			
PROTECTION	SHORT CIRCUIT	Hiccup mode, recovers automatically after fault condition is removed.			
ENVIRONMENT	WORKING TEMP.	-15 ~ 70℃ (Refer to "Derating Curve")			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.2%/℃ (0 ~45℃)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC	SAFETY STANDARDS <small>Note.7</small>	UL8750, CSA C22.2 No.250.0-08, BIS IS15885, EAC TP TC 004; BS EN/EN 62368-1 approved			
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC			
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25℃ / 70% RH			
	EMC EMISSION	Compliance to BS EN/EN55032,BS EN/EN61000-3-2,BS EN/EN61000-3-3, EAC TP TC 020			
	EMC IMMUNITY	Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020			
OTHERS	MTBF	14511.7K hrs min.      Telcordia SR-332 (Bellcore) ;      2275.9K hrs min.      MIL-HDBK-217F (25℃)			
	DIMENSION	60*30*23.5mm(L*W*H)			
	PACKING	0.05Kg;144pcs/7.6Kg/0.79CUFT			
NOTE	<div>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</div> <div>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</div> <div>3. Derating may be needed under low input voltage, please check the static characteristic for more details.</div> <div>4. Constant current operation region is within 50% ~100% rated output voltage. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design.</div> <div>5. When applying DC voltage for input, please connect the brown input wire to the positive side whereas blue input wire to the negative side.</div> <div>6. This product is not intended for LED lighting luminaire applications in the EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.)</div> <div>7. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).</div> <div>8. For any application note and IP water proof function installation caution, please refer our user manual before using.</div> <div><a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a></div> <div>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a></div>				

## Mechanical Specification

Unit:mm Tolerance:±1

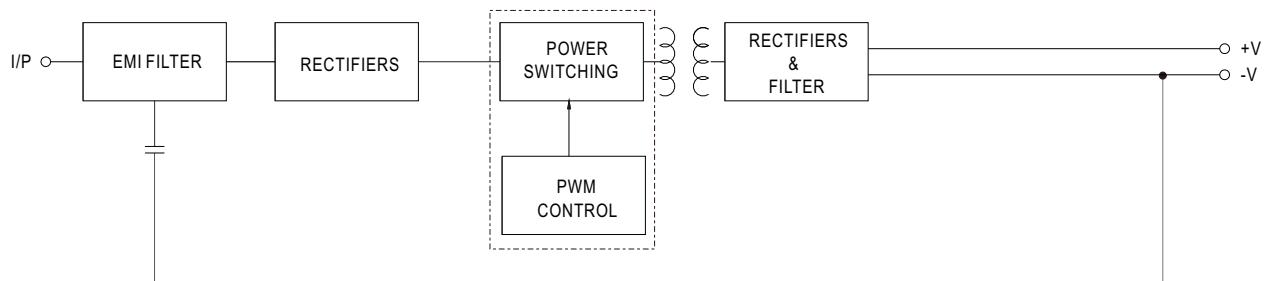


•  $t_c$  : Max. Case Temperature

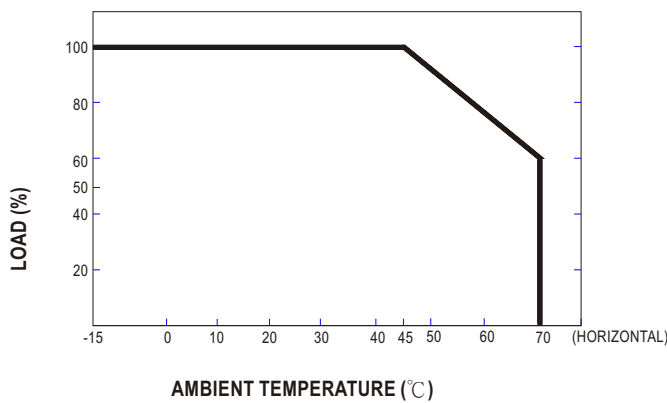


## Block Diagram

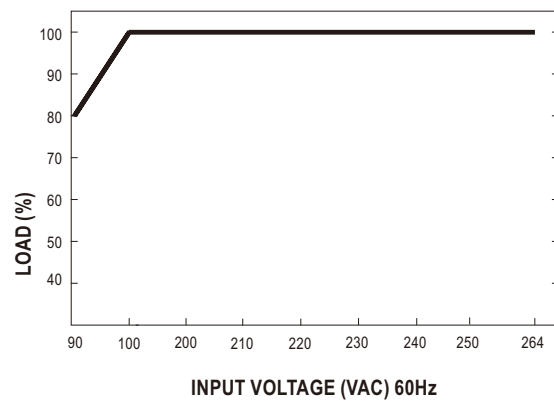
fosc : 67KHz



## Derating Curve



## Static Characteristics





### ■ Features :

- Constant current design
- Universal AC input / Full range
- Protections: Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- Cooling by free air convection
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- IP42 design
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.6)
- 100% full load burn-in test
- Low cost / High reliability
- 2 years warranty

User's Manual



### ■ GTIN CODE

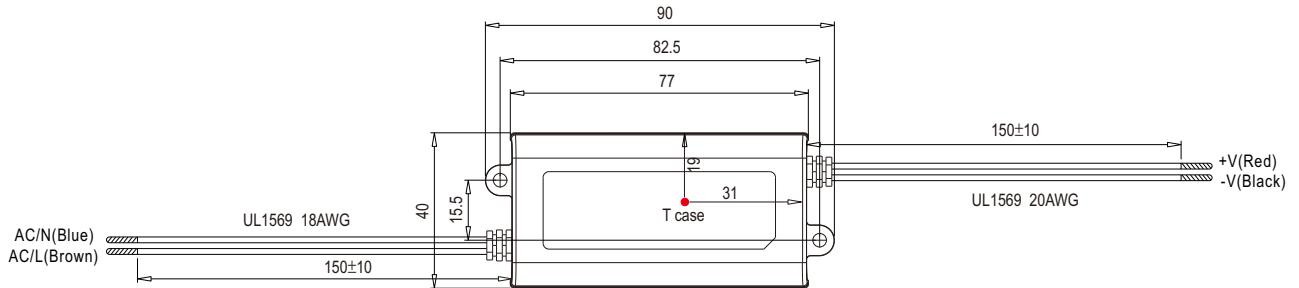
MW Search: <https://www.meanwell.com/serviceGTIN.aspx>


### SPECIFICATION

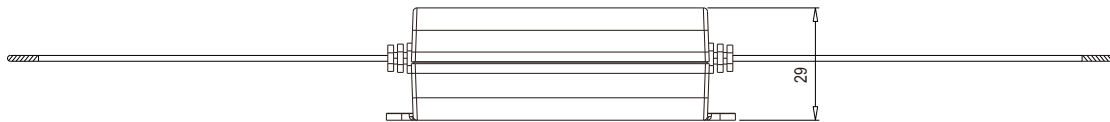
MODEL		APC-12-350		APC-12-700	
OUTPUT	RATED CURRENT	350mA		700mA	
	DC VOLTAGE RANGE	9~36V		9~18V	
	RATED POWER	12.6W		12.6W	
	RIPPLE & NOISE (max.) <small>Note.2</small>	300mVp-p		250mVp-p	
	VOLTAGE TOLERANCE <small>Note.3</small>	±5.0%			
	CURRENT ACCURACY	±8.0%			
	LINE REGULATION	±1.0%			
	LOAD REGULATION	±3.0%			
	SETUP, RISE TIME	3000ms, 180ms / 230VAC      3000ms, 150ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	20ms/230VAC, 15ms/115VAC   at full load			
INPUT	VOLTAGE RANGE <small>Note.4</small>	90 ~ 264VAC      127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY(Typ.)	82%		80%	
	AC CURRENT	0.2A/230VAC; 0.35A/115VAC			
	INRUSH CURRENT(Typ.)	COLD START 70A(twidth=150μs measured at 50% Ipeak) at 230VAC			
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	17 units (circuit breaker of type B) / 29 units (circuit breaker of type C) at 230VAC			
	LEAKAGE CURRENT	0.25mA / 240VAC			
PROTECTION	OVER VOLTAGE	39.6~ 46.8V		20.7~ 24.3V	
		Protection type : Shut off o/p voltage, clamping by zener diode			
ENVIRONMENT	WORKING TEMP.	-30 ~ 70℃ (Refer to "Derating Curve")			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.2%/℃ (0 ~ 50℃)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC <small>(Note 5)</small>	SAFETY STANDARDS <small>Note.7</small>	UL8750, CSA C22.2 No.250.0-08, BIS IS15885, EAC TP TC 004, BS EN/EN 62368-1 approved			
	WITHSTAND VOLTAGE	I/P-O/P: 3.75KVAC			
	ISOLATION RESISTANCE	I/P-O/P: >100M Ohms / 500VDC / 25℃ / 70% RH			
	EMC EMISSION	Compliance to BS EN/EN55032, BS EN/EN61000-3-2, BS EN/EN61000-3-3, EAC TP TC 020			
	EMC IMMUNITY	Compliance to BS EN/EN55035, BS EN/EN61000-4-2, 3, 4, 5, 6, 8, 11; light industry level(surge 2KV), EAC TP TC 020			
OTHERS	MTBF	6418.1K hrs min. Telcordia SR-332 (Bellcore); 1097.4K hrs min. MIL-HDBK-217F (25℃)			
	DIMENSION	77*40*29(L*W*H)			
	PACKING	0.08Kg; 120pcs/11.8Kg/1.06CUFT			
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristic for more details. Please connect L line to the positive pole and N line to the negative pole under DC input. 5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a> ) 6. This product is not intended for LED lighting luminaire applications EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.) 7. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft) 8. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a> ※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a>				

## Mechanical Specification

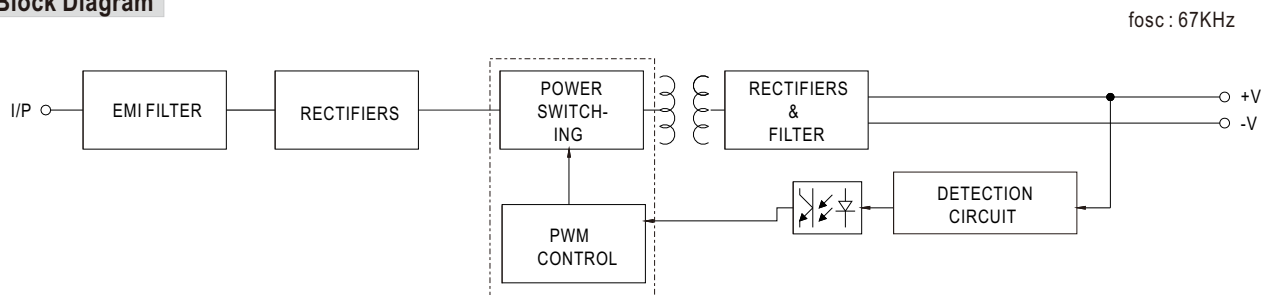
Unit:mm Tolerance:±1



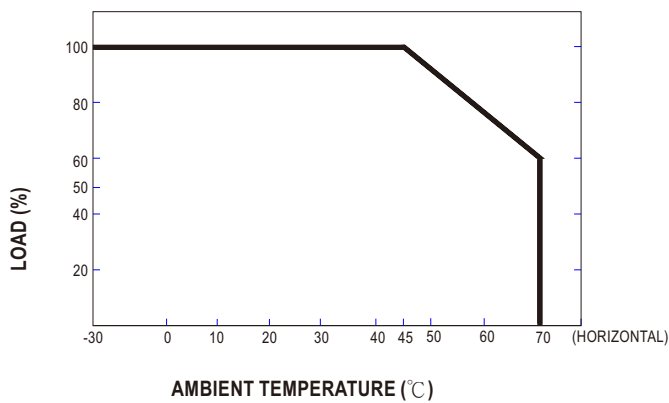
※ T case: Max. Case Temperature



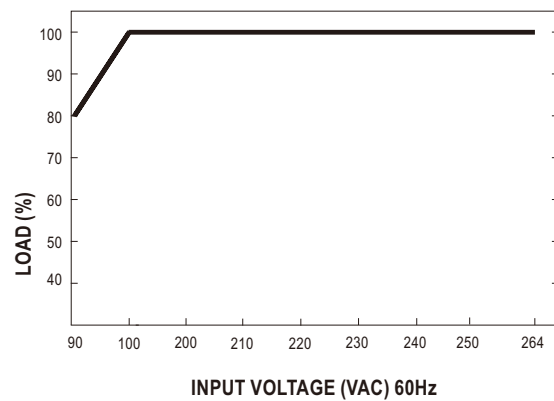
## Block Diagram



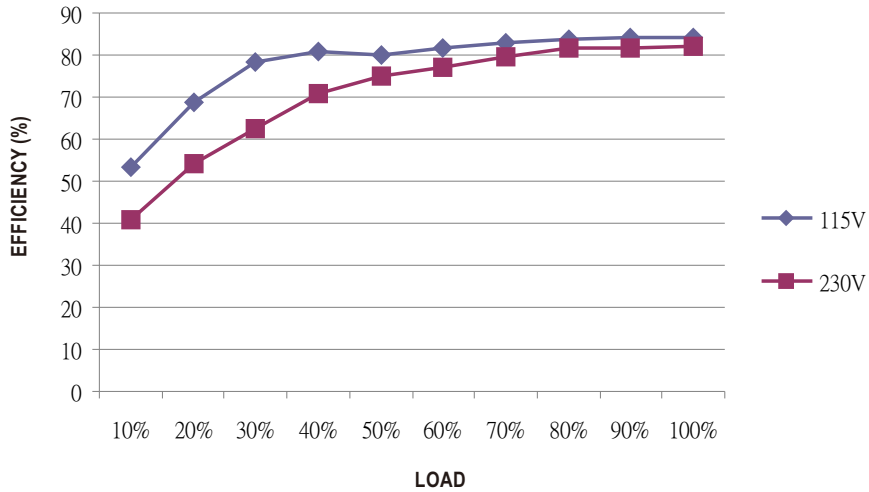
## Derating Curve



## Static Characteristics



■ EFFICIENCY vs LOAD (APC-12-350)





#### ■ Features :

- Constant current mode design
- Universal AC input / Full range
- Protections: Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- Cooling by free air convection
- Class II power unit, no FG
- Class 2 power unit
- Pass LPS
- IP42 design
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.6)
- 100% full load burn-in test
- Low cost / High reliability
- 2 years warranty

User's Manual



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#### SPECIFICATION

LPS IP42

IS 15885(Part 2/Sec13)

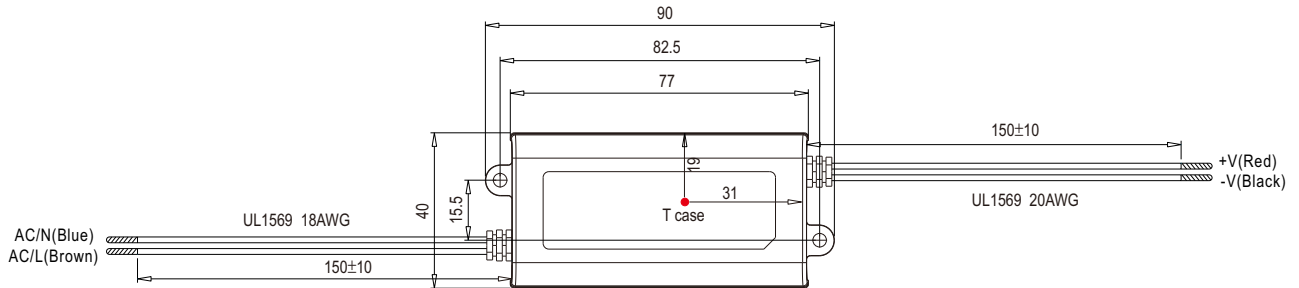
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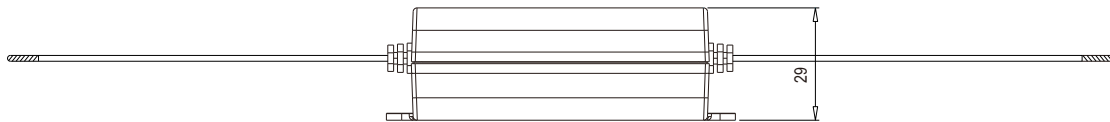
MODEL		APC-16-350		APC-16-700	
OUTPUT	RATED CURRENT	350mA		700mA	
	DC VOLTAGE RANGE	12~48V		9~24V	
	RATED POWER	16.8W		16.8W	
	RIPPLE & NOISE (max.) <small>Note.2</small>	300mVp-p		250mVp-p	
	VOLTAGE TOLERANCE <small>Note.3</small>	±5.0%			
	CURRENT ACCURACY	±8.0%			
	LINE REGULATION	±1.0%			
	LOAD REGULATION	±3.0%			
	SETUP, RISE TIME	3000ms, 200ms / 230VAC      3000ms, 200ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	20ms/230VAC      12ms/115VAC at full load			
INPUT	VOLTAGE RANGE <small>Note.4</small>	90 ~ 264VAC      127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY(Typ.)	84%		83%	
	AC CURRENT	0.3A/230VAC;0.5A/115VAC			
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=210μs measured at 50% Ipeak) at 230VAC			
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	13 units (circuit breaker of type B) / 23 units (circuit breaker of type C) at 230VAC			
	LEAKAGE CURRENT	0.25mA / 240VAC			
PROTECTION	OVER VOLTAGE	50.4~ 60V		27.6~ 33.5V	
		Protection type : Shut off o/p voltage, clamping by zener diode			
ENVIRONMENT	WORKING TEMP.	-30 ~ 70℃ (Refer to "Derating Curve")			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.2%/℃ (0 ~ 50℃)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC (Note 5)	SAFETY STANDARDS <small>Note.7</small>	UL8750,CSA C22.2 No.250.0-08, BIS IS15885, EAC TP TC 004,BS EN/EN 62368-1 approved			
	WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC			
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25℃ / 70% RH			
	EMC EMISSION	Compliance to BS EN/EN55032,BS EN/EN61000-3-2,BS EN/EN61000-3-3, EAC TP TC 020			
	EMC IMMUNITY	Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020			
OTHERS	MTBF	6411.4K hrs min. Telcordia SR-332 (Bellcore); 1092.9K hrs min. MIL-HDBK-217F (25℃)			
	DIMENSION	77*40*29(L*W*H)			
	PACKING	0.1Kg; 120pcs/14Kg/1.06CUFT			
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Derating may be needed under low input voltage. Please check the static characteristic for more details.Please connect L line to the positive pole and N line to the negative pole under DC input. 5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a> ) 6. This product is not intended for LED lighting luminaire applications in the EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.) 7. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft) 8. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a> ※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a>				

## Mechanical Specification

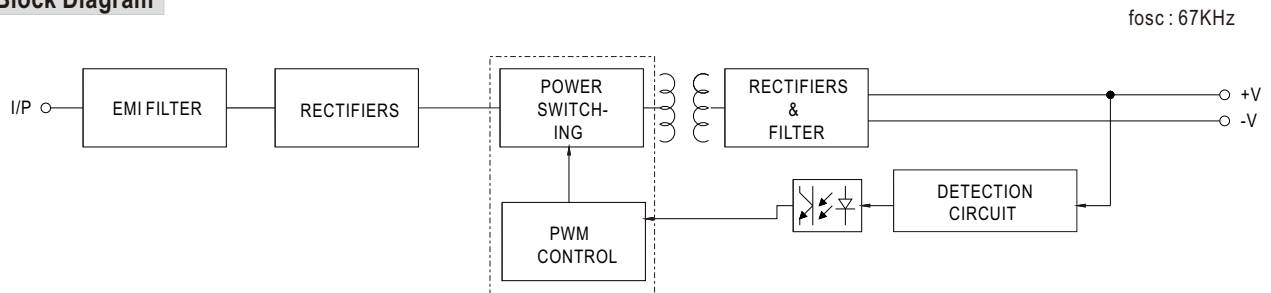
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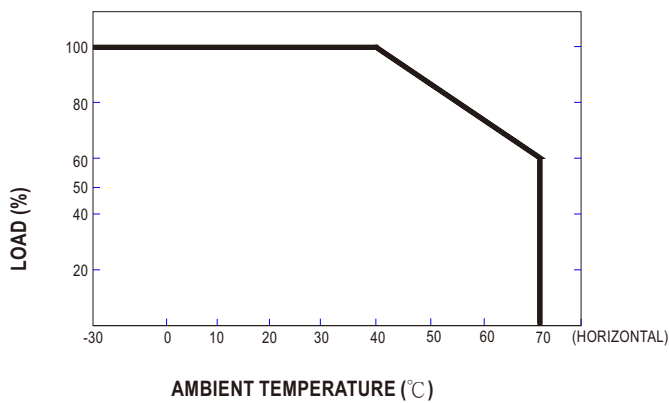
※ T case: Max. Case Temperature



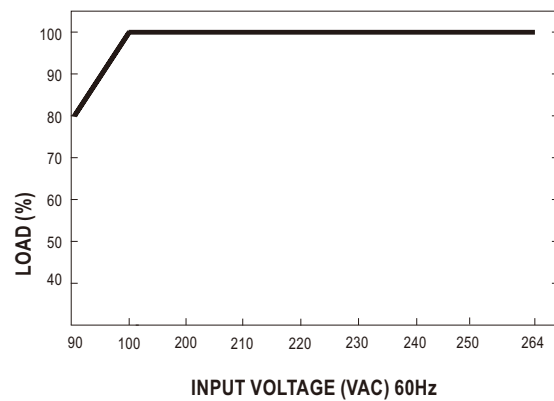
## Block Diagram



## Derating Curve



## Static Characteristics







## ■ Features :

- Constant current mode power supply
- Universal AC input / Full range
- Withstand 300VAC Surge input for 5 seconds
- Protections: Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- Cooling by free air convection
- IP42 design
- 100% full load burn-in test
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.6)
- Low cost / High reliability
- 2 years warranty

User's Manual



## ■ GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>


IS 15885(Part 2/Sec13)



(only for APC-25-500)



(only for APC-25-700&amp;1050)



(except for APC-25-350)

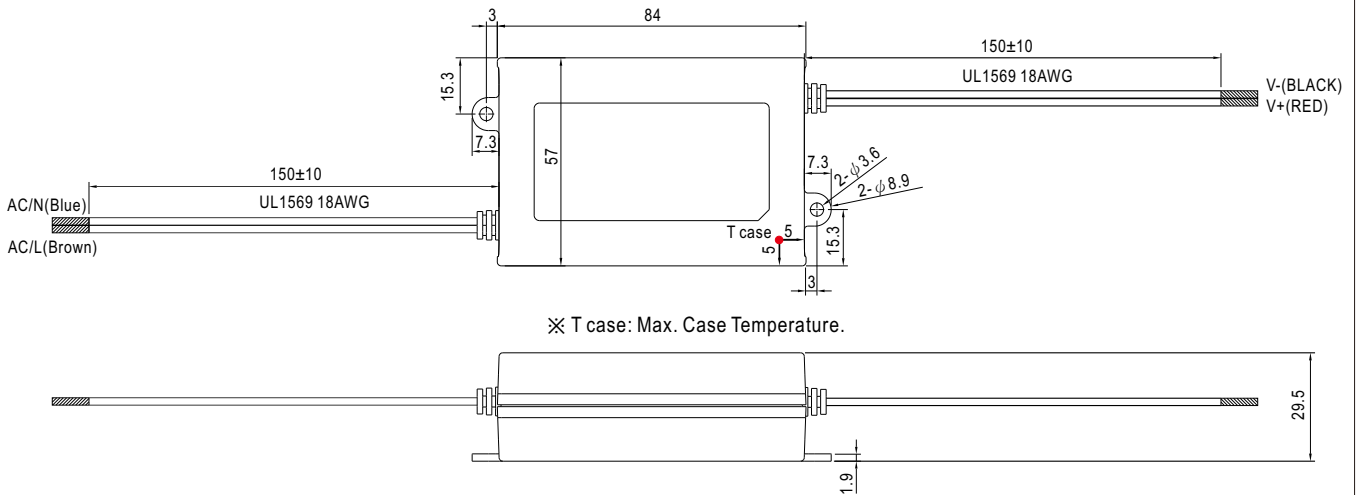


## SPECIFICATION

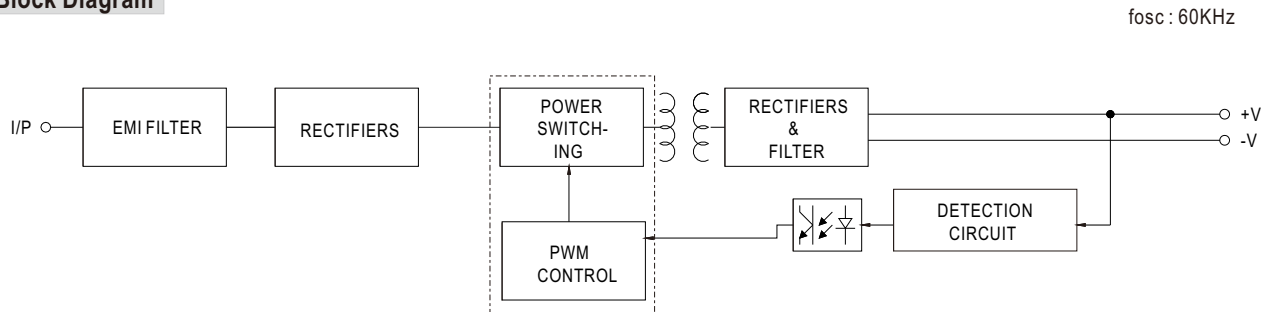
MODEL		APC-25-350	APC-25-500	APC-25-700	APC-25-1050
OUTPUT	RATED CURRENT	350mA	500mA	700mA	1050mA
	DC VOLTAGE RANGE	25~70V	15~50V	11~36V	9~24V
	RATED POWER	24.5W	25.2W	25.2W	25.2W
	CURRENT RIPPLE	5.0%			
	CURRENT ACCURACY	±8.0%			
	SETUP, RISE TIME	1500ms, 30ms / 230VAC 1500ms, 30ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	20ms/230VAC 12ms/115VAC at full load			
INPUT	VOLTAGE RANGE Note.2	90 ~ 264VAC 127 ~ 370VDC			
	FREQUENCY RANGE	47 ~ 63Hz			
	EFFICIENCY(Typ.)	83%	83%	83%	83%
	AC CURRENT	0.4A/230VAC;0.8A/115VAC			
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=310μs measured at 50% Ipeak) at 230VAC			
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	9 units (circuit breaker of type B) / 15 units (circuit breaker of type C) at 230VAC			
PROTECTION	LEAKAGE CURRENT	0.25mA / 240VAC			
	OVER VOLTAGE	76 ~ 94V	55 ~ 68V	41 ~ 49V	27 ~ 35V
ENVIRONMENT	WORKING TEMP.	-30 ~ 70°C (Refer to "Derating Curve")			
	WORKING HUMIDITY	20 ~ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH			
	TEMP. COEFFICIENT	±0.2%/°C (0 ~ 50°C)			
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes			
SAFETY & EMC (Note 5)	SAFETY STANDARDS	UL8750 (except for APC-25-350), CSA-C22.2 No. 250.0-13 (only for APC-25-700&1050), BIS IS15885(except for APC-25-350), EAC TP TC 004,IP42, BS EN/EN 62368-1 approved			
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC			
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C / 70% RH			
	EMC EMISSION	Compliance to BS EN/EN55032,BS EN/EN61000-3-2 Class A,BS EN/EN61000-3-3, EAC TP TC 020			
	EMC IMMUNITY	Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020			
OTHERS	MTBF	4955.9K hrs min. Telcordia SR-332 (Bellcore) ; 504.9K hrs min. MIL-HDBK-217F (25°C)			
	DIMENSION	84*57*29.5(L*W*H)			
	PACKING	0.13Kg; 72pcs/10.4Kg/0.92CUFT			
NOTE		<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Derating may be needed under low input voltage. Please check the static characteristic for more details.</p> <p>3. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a>)</p> <p>4. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).</p> <p>5. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a></p> <p>6. This product is not intended for LED lighting luminaire applications in the EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.)</p> <p>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a></p>			

## Mechanical Specification

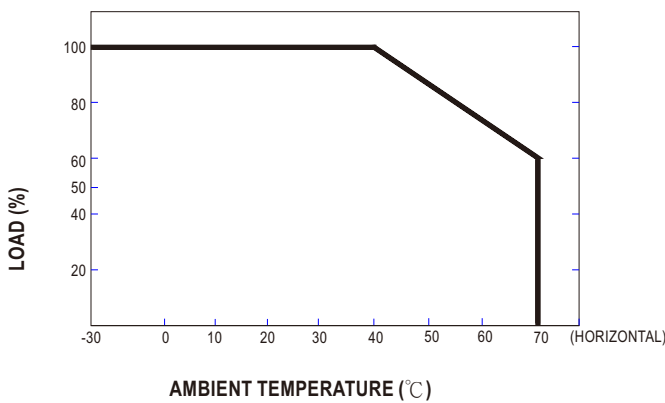
Case No.PCD16A Unit:mm Tolerance:±1



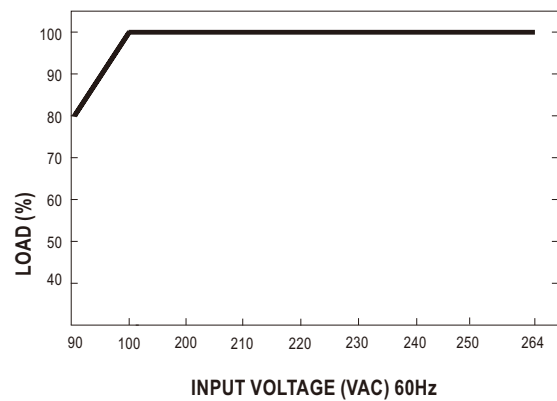
## Block Diagram



## Derating Curve



## Static Characteristics





## ■ Features :

- Constant current mode power supply
- Universal AC input / Full range
- Withstand 300VAC Surge input for 5 seconds
- Protections: Short circuit / Over voltage
- Fully isolated plastic case
- Small and compact size
- Cooling by free air convection
- IP42 design
- 100% full load burn-in test
- Suitable for LED related fixture or appliance (such as LED Decoration or Advertisement devices)(Note.6)
- Low cost / High reliability
- 2 years warranty

User's Manual



## ■ GTIN CODE

MW Search: <https://www.meanwell.com/serviceGTIN.aspx>

IS 15885(Part 2)Sec13)

## SPECIFICATION

IP42



(only for APC-35-700&1050)

LPS

(only for APC-35-700&1050)



(only for APC-35-700)



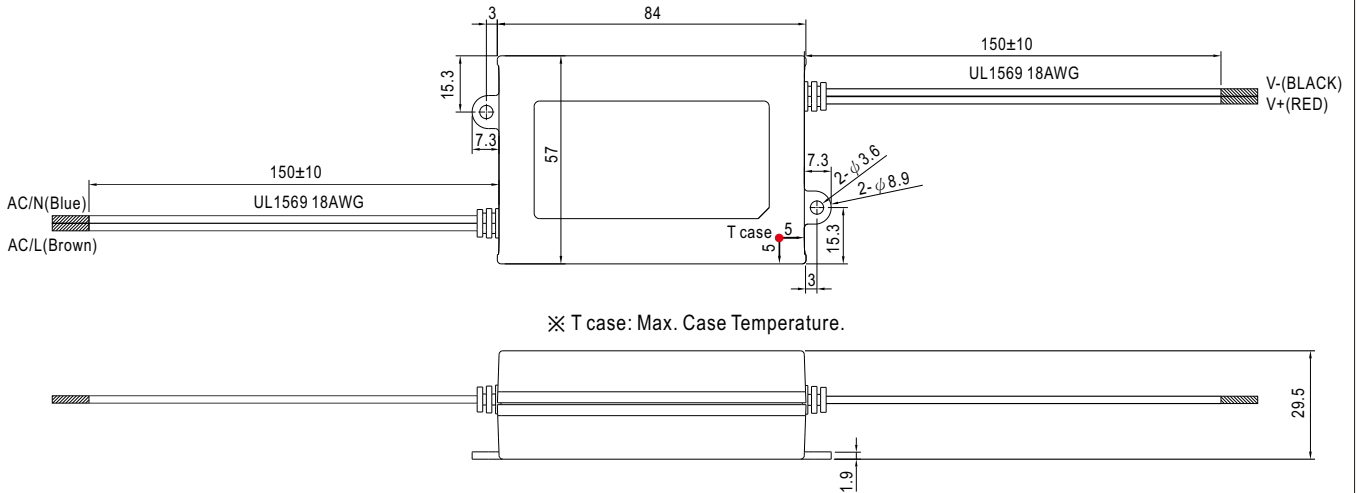
us (only for APC-35-1050)



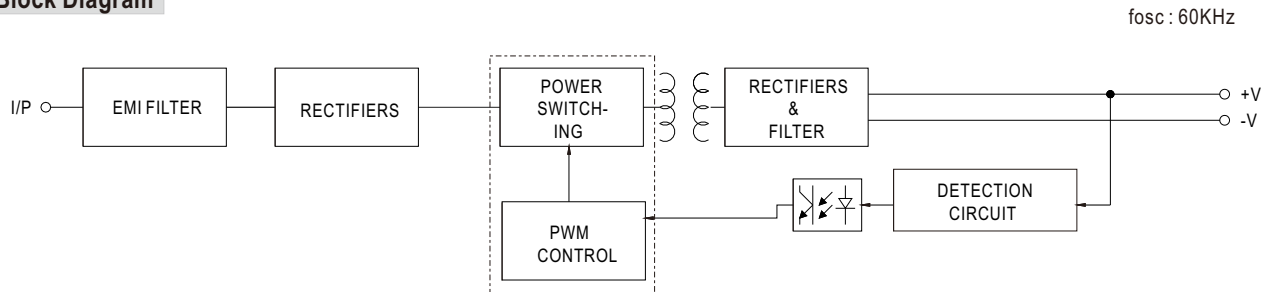
MODEL		APC-35-350		APC-35-500		APC-35-700		APC-35-1050	
OUTPUT	RATED CURRENT	350mA		500mA		700mA		1050mA	
	DC VOLTAGE RANGE	28~100V		25~70V		15~50V		11~33V	
	RATED POWER	35W		35W		35W		34.7W	
	CURRENT RIPPLE	5.0%							
	CURRENT ACCURACY	±8.0%							
	SETUP, RISE TIME	1500ms, 40ms / 230VAC				1500ms, 40ms / 115VAC at full load			
	HOLD UP TIME (Typ.)	20ms/230VAC		12ms/115VAC at full load					
INPUT	VOLTAGE RANGE <small>Note.2</small>	90 ~ 264VAC		127 ~ 370VDC					
	FREQUENCY RANGE	47 ~ 63Hz							
	EFFICIENCY(Typ.)	84%		84%		84%		84%	
	AC CURRENT	0.5A/230VAC;0.75A/115VAC							
	INRUSH CURRENT(Typ.)	COLD START 45A(twidth=490μs measured at 50% Ipeak) at 230VAC							
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	5 units (circuit breaker of type B) / 9 units (circuit breaker of type C) at 230VAC							
	LEAKAGE CURRENT	0.25mA / 240VAC							
PROTECTION	OVER VOLTAGE	110 ~ 130V		77 ~ 91V		55 ~ 65V		36 ~ 43V	
		Protection type : Shut down o/p voltage, re-power on to recover							
ENVIRONMENT	WORKING TEMP.	-30 ~ 70℃ (Refer to "Derating Curve")							
	WORKING HUMIDITY	20 ~ 90% RH non-condensing							
	STORAGE TEMP., HUMIDITY	-40 ~ +80℃, 10 ~ 95% RH							
	TEMP. COEFFICIENT	±0.2%/℃ (0 ~ 50℃)							
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes							
SAFETY & EMC (Note 5)	SAFETY STANDARDS	UL8750 (only for APC-35-700&1050), CSA-C22.2 No. 250.0-13 (only for APC-35-1050), BIS IS15885(only for APC-35-700&1050), EAC TP TC 004,IP42, BS EN/EN 62368-1 approved							
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC							
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25℃ / 70% RH							
	EMC EMISSION	Compliance to BS EN/EN55032,BS EN/EN61000-3-2 Class A,BS EN/EN61000-3-3, EAC TP TC 020							
	EMC IMMUNITY	Compliance to BS EN/EN55035,BS EN/EN61000-4-2,3,4,5,6,8,11; light industry level(surge 2KV), EAC TP TC 020							
OTHERS	MTBF	4955.9K hrs min. Telcordia SR-332 (Bellcore) ; 550.4K hrs min. MIL-HDBK-217F (25℃)							
	DIMENSION	84*57*29.5(L*W*H)							
	PACKING	0.18Kg; 72pcs/14Kg/0.92CUFT							
NOTE	<div>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.</div> <div>2. Derating may be needed under low input voltage. Please check the static characteristic for more details.</div> <div>3. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. (as available on <a href="https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf">https://www.meanwell.com/Upload/PDF/EMI_statement_en.pdf</a>)</div> <div>4. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).</div> <div>5. For any application note and IP water proof function installation caution, please refer our user manual before using. <a href="https://www.meanwell.com/Upload/PDF/LED_EN.pdf">https://www.meanwell.com/Upload/PDF/LED_EN.pdf</a></div> <div>6. This product is not intended for LED lighting luminaire applications in the EU and China.(In the EU and China the LPF/NPF/XLG/XLC/XLN series are recommended.)</div> <div>※ Product Liability Disclaimer : For detailed information, please refer to <a href="https://www.meanwell.com/serviceDisclaimer.aspx">https://www.meanwell.com/serviceDisclaimer.aspx</a></div>								

## Mechanical Specification

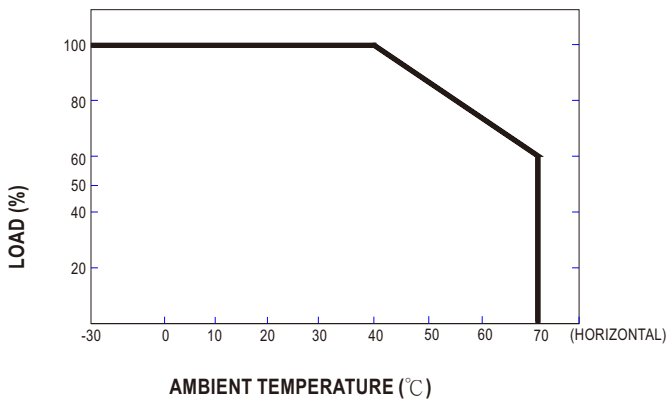
Case No.PCD16A Unit:mm Tolerance:±1



## Block Diagram



## Derating Curve



## Static Characteristics

