



# LED POWER SUPPLY CATALOGUE

2020-2021



# WHO WE ARE

## Established By

three electronic engineers who share the same dreams, ideas and same attitude, about developing most effective, high quality and energy-saving products in 2014. Research and development is our strong strength we can realize your ideas to real products. Covered with modern production facilities, professional labors, strictly QA/QC inspectors, we are striving to provide the best quality and most durability products. All of our products Meet IEC60950,UL60950,EN55015,EN61347,EN6100-3-2 quality standards. Exported to over 15 countries with great reputations.

### **Main Lines:**

iP67 CC/CV Waterproof LED Drivers, Switching power supplies, Interior slim power Supplies, AC-DC adapters, DC-DC power supplies.....

### **MISSION:**

TO deliver innovative light solutions by anticipating our customer's needs. By understanding the lighting application, we design, test, and deliver comprehensive solutions that anticipate the customer's total cost of different project and provide a positive experience. We collaborate with our partners to leverage technology, focus on research, and continuously improve our production, processes, and products.

### **VISION**

We are pioneers in providing LED power supply solutions with a vision of enlightening the world.



# What We Do



CV+CC IP67 Waterproof Power Supplies  
30W-320W



CC IP67 Waterproof LED Drivers  
30W-320W



IP67 Plastic LED Power Supplies- PFC  
60W-150W



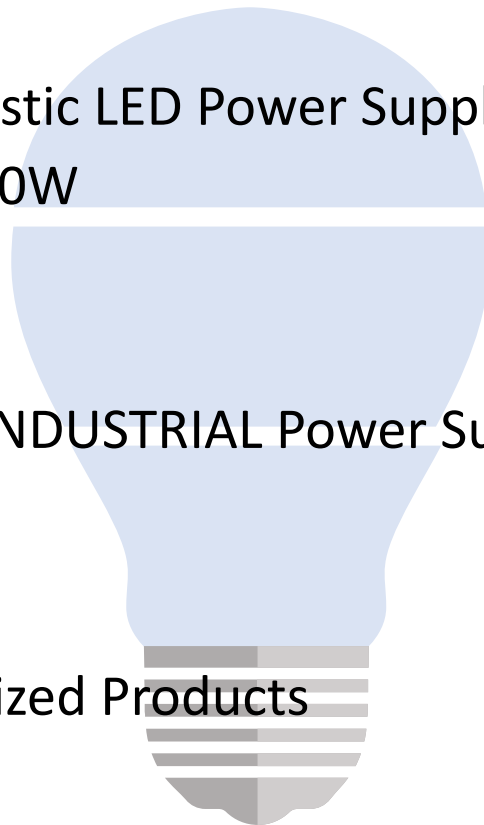
IP67 Plastic LED Power Supplies-NON PFC  
60W-200W



AC-DC INDUSTRIAL Power Supply



Customized Products





## CV+CC Hybrid IP67 Waterproof Power Supplies

30W-320W 24V/36V/48V/54V



### Features:

1. Wide AC input voltage
2. Built-in active PFC function
3. High efficiency up to 94%
4. Protections: Overvoltage/Overload/Short circuit/Over Temperature
5. Cooling by Free air convection, no noise
6. IP67 design for indoor/outdoor installations, suitable for dry, Damp and wet conditions
7. Suitable for indoor/outdoor led lighting, spot lights, LED wall washer lights, floodlights, led projector lights.....
8. Support 60°C harsh working environment
9. Reliability quality with low ripple, THD and Case temperature
10. Long lifespan up to 5 years warranty

# APMS-30



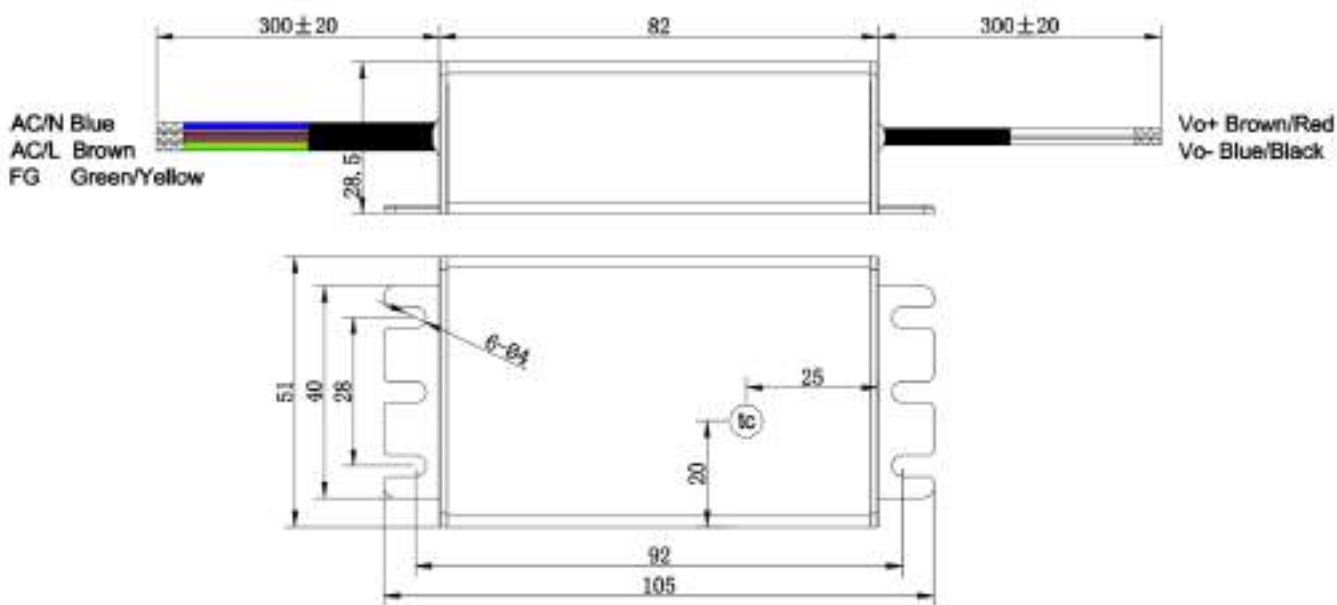
## Technical Data

- Constant voltage Output
- High efficiency up to 90%
- PF>0.95, THD<15%
- 200-277VAC Input, 0.3A max,50/60HZ
- With OLP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5






**IP67**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-30-24	200-277Vac	24V	0-1.25A	0-30W	88%	105x51x28.5
APMS-30-36	200-277Vac	36V	0-0.83A	0-30W	88%	105x51x28.5
APMS-30-48	200-277Vac	48V	0-0.625A	0-30W	89%	105x51x28.5
APMS-30-54	200-277Vac	54V	0-0.55A	0-30W	90%	105x51x28.5

# APMS-60



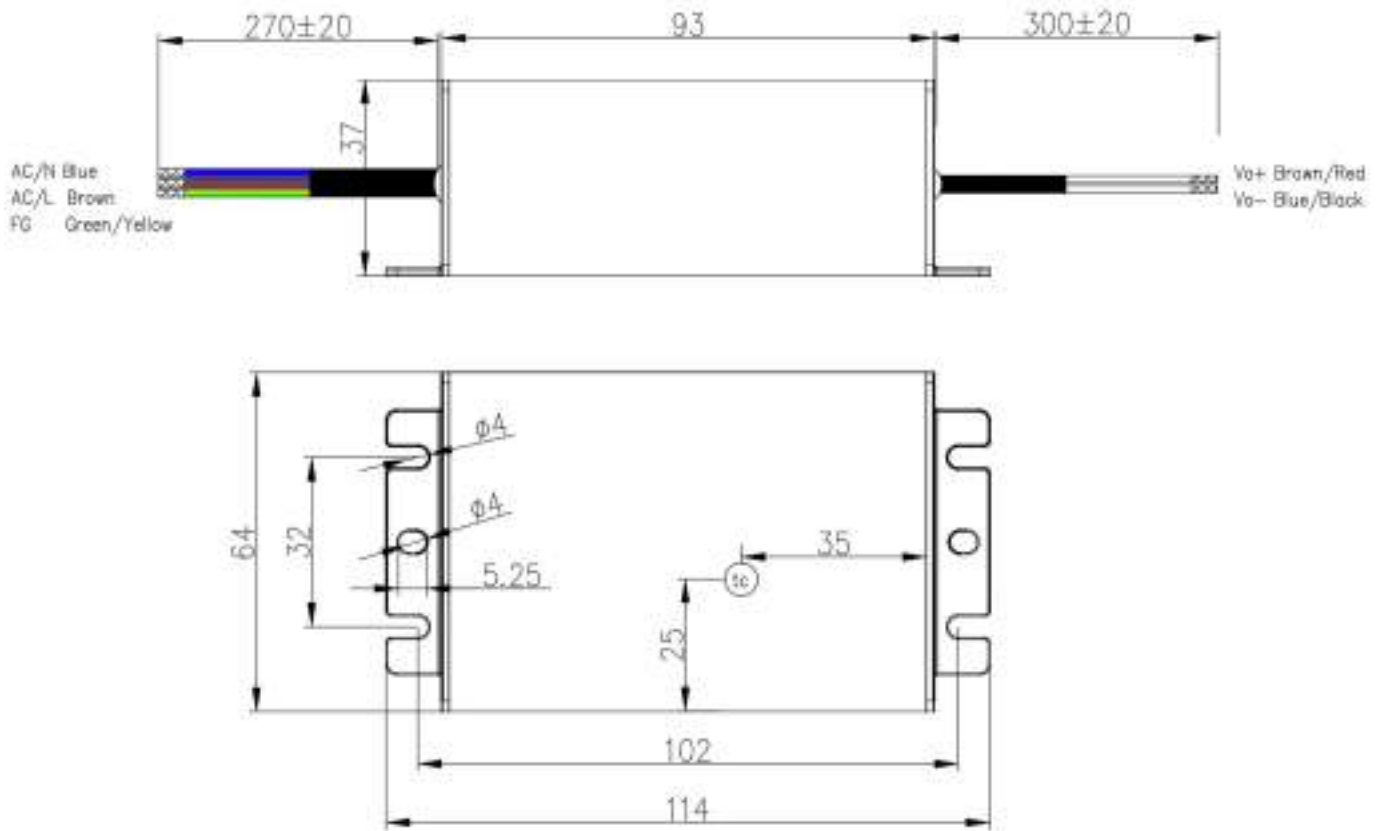





**IP67**

## Technical Data

- Constant Voltage Output
- High efficiency up to 90%
- PF>0.95, THD<15%
- 200-277VAC Input, 0.5A max, 50/60HZ
- With OLP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-60-24	200-277Vac	24V	0-2.5A	0-60W	88%	114x64x37
APMS-60-36	200-277Vac	36V	0-1.66A	0-60W	88%	114x64x37
APMS-60-48	200-277Vac	48V	0-1.25A	0-60W	89%	114x64x37
APMS-60-54	200-277Vac	54V	0-1.1A	0-60W	90%	114x64x37

# APMS-75



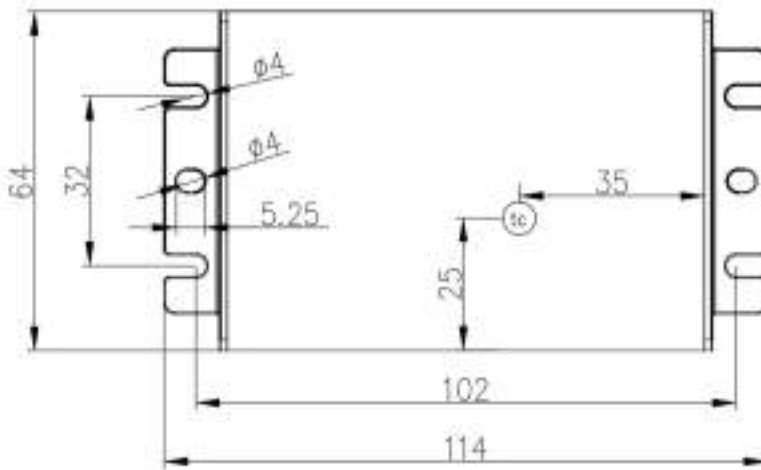





**IP67**

## Technical Data

- Constant Voltage Output
- High efficiency up to 90%
- PF>0.95, THD<15%
- 200-277VAC Input, 0.55A max, 50/60HZ
- With OLP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-75-24	200-277Vac	24V	0-3.125A	0-75W	88%	114x64x37
APMS-75-36	200-277Vac	36V	0-2.08A	0-75W	88%	114x64x37
APMS-75-48	200-277Vac	48V	0-1.56A	0-75W	89%	114x64x37
APMS-75-54	200-277Vac	54V	0-1.38A	0-75W	90%	114x64x37



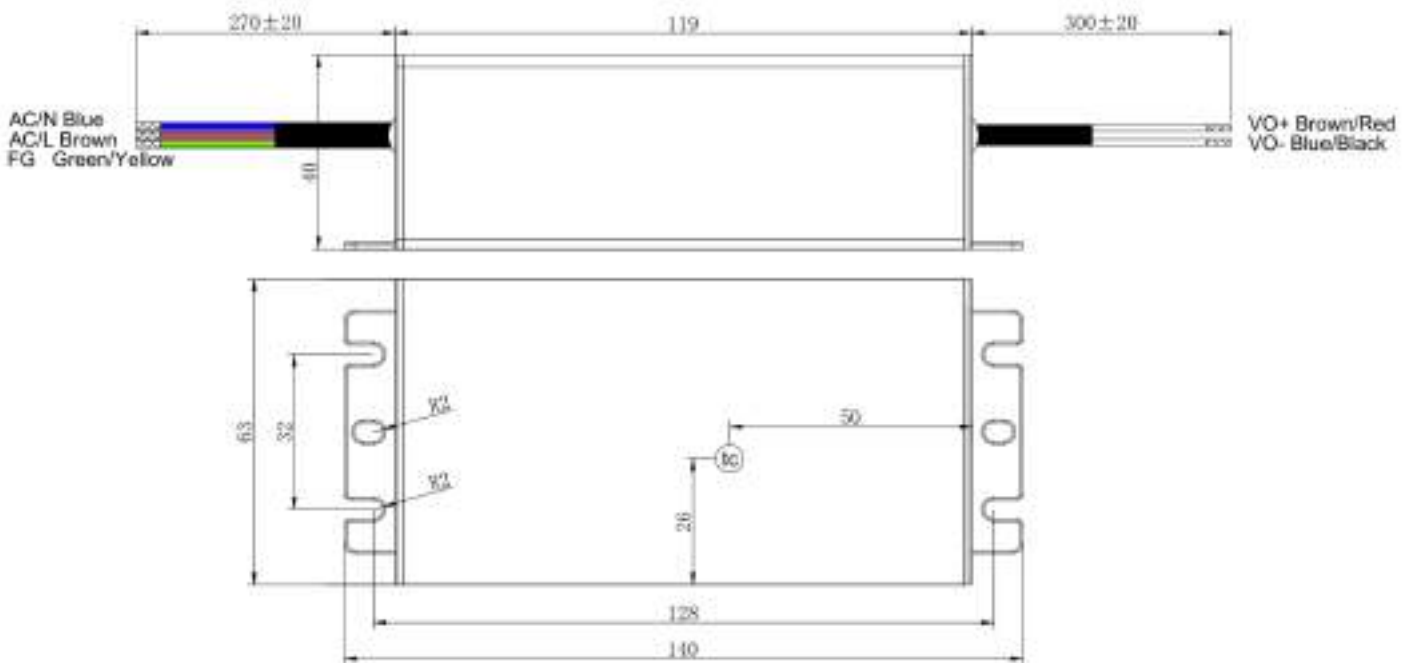
# APMS-100SPF

**NEW**



## Technical Data

- Constant Voltage Output
- High efficiency up to 90%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-100SPF-24	200-277Vac	24V	0-8.0A	0-96W	88%	140x63x40
APMS-100SFP-36	200-277Vac	36V	0-2.77A	0-100W	89%	140x63x40
APMS-100SPF-48	200-277Vac	48V	0-2.08A	0-100W	89%	140x63x40
APMS-100SPF-54	200-277Vac	54V	0-1.85A	0-100W	90%	140x63x40

APMS-100

**PENDING**





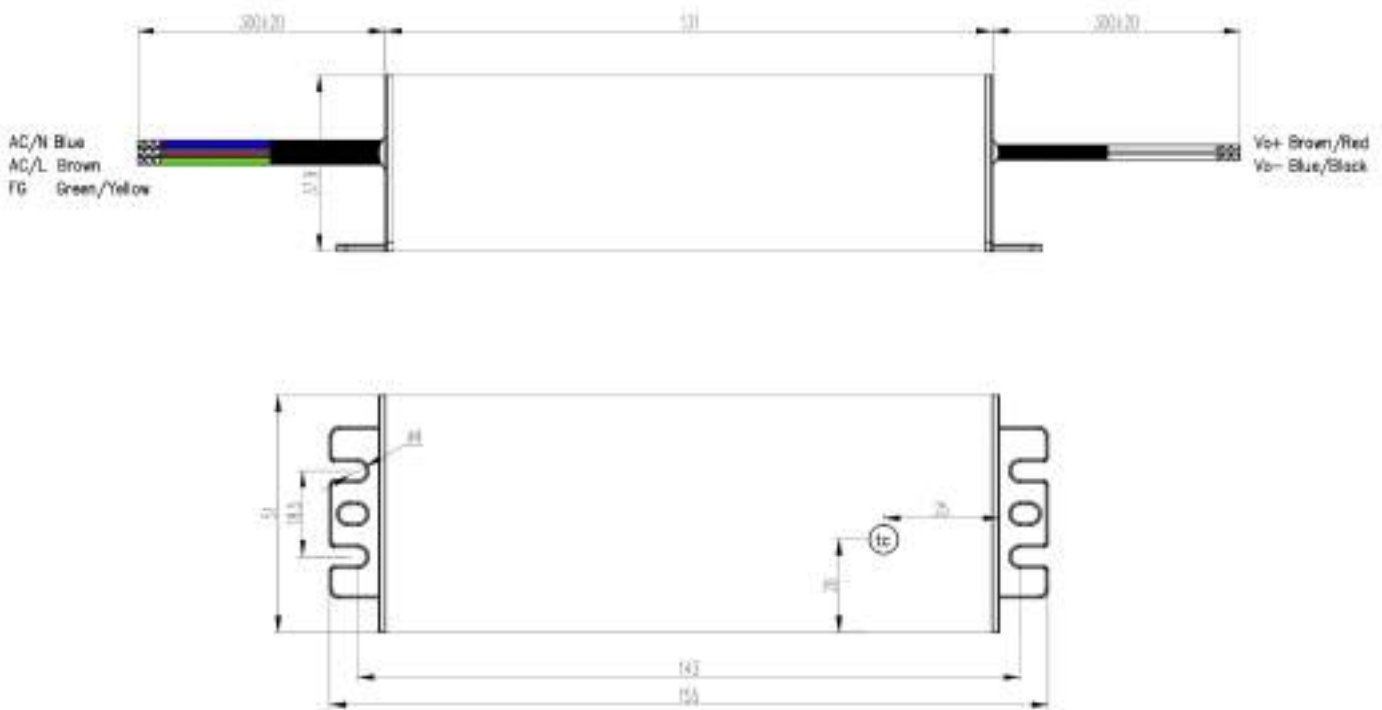



**SELV IP67**

### Technical Data

- Constant Voltage + Constant Current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5

**Release Schedule: End of March 2021**



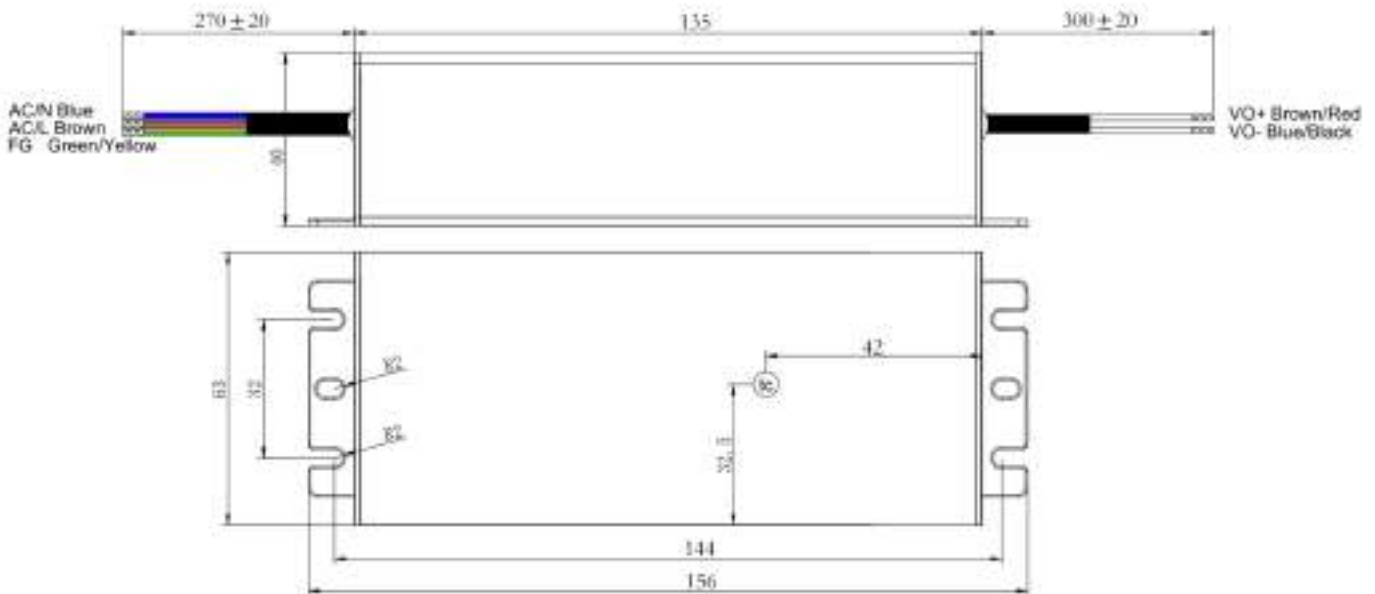
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-100-24	200-277Vac	24V	0-8.0A	0-96W	92%	155x51x38
APMS-100-36	200-277Vac	36V	0-2.77A	0-100W	92%	155x51x38
APMS-100-48	200-277Vac	48V	0-2.08A	0-100W	93%	155x51x38
APMS-100-54	200-277Vac	54V	0-1.85A	0-100W	94%	155x51x38

# APMS-100A1



## Technical Data

- Constant Voltage + Constant Current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-100A1-24	200-277Vac	24V	0-8.0A	0-96W	92%	156x63x40
APMS-100A1-36	200-277Vac	36V	0-2.77A	0-100W	92%	156x63x40
APMS-100A1-48	200-277Vac	48V	0-2.08A	0-100W	93%	156x63x40
APMS-100A1-54	200-277Vac	54V	0-1.85A	0-100W	94%	156x63x40

# APMS-150

**NEW**



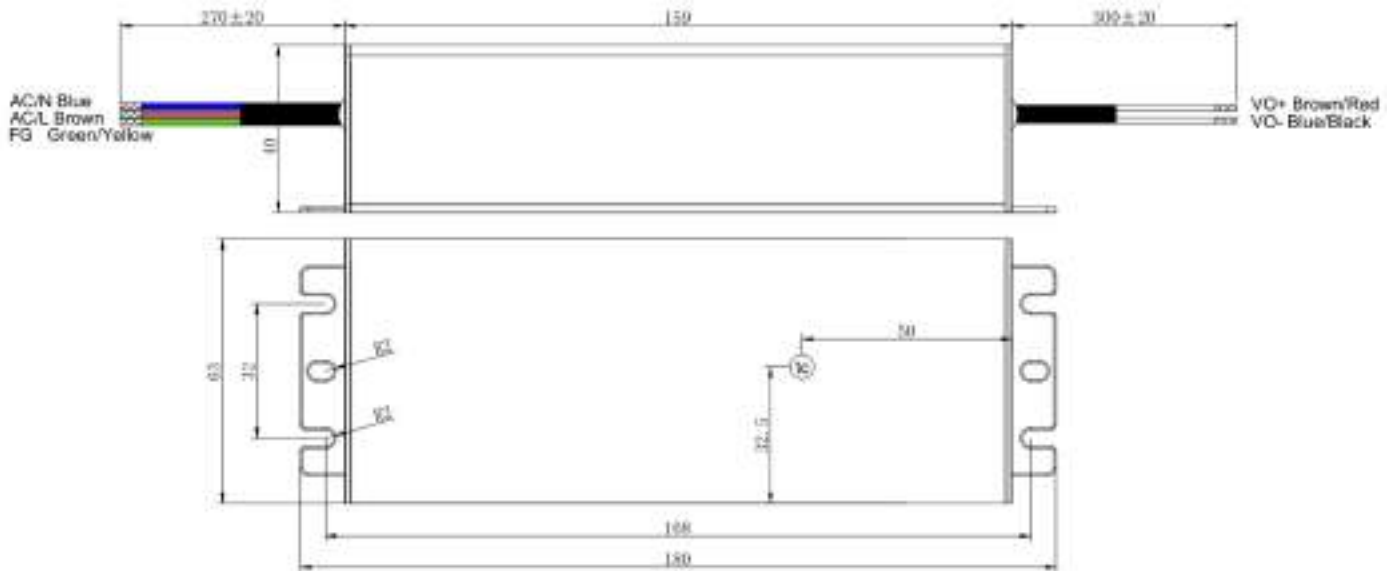







## Technical Data

- Constant voltage + Constant current Output
- High efficiency up to 94%
- PF>0.95, THD<10%
- 200-277VAC Input, 1.0A max, 50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-150-24	200-277Vac	24V	0-6.25A	0-150W	92%	180x63x40
APMS-150-36	200-277Vac	36V	0-4.16A	0-150W	92%	180x63x40
APMS-150-48	200-277Vac	48V	0-3.125A	0-150W	93%	180x63x40
APMS-150-54	200-277Vac	54V	0-2.77A	0-150W	94%	180x63x40

# APMS-150A1



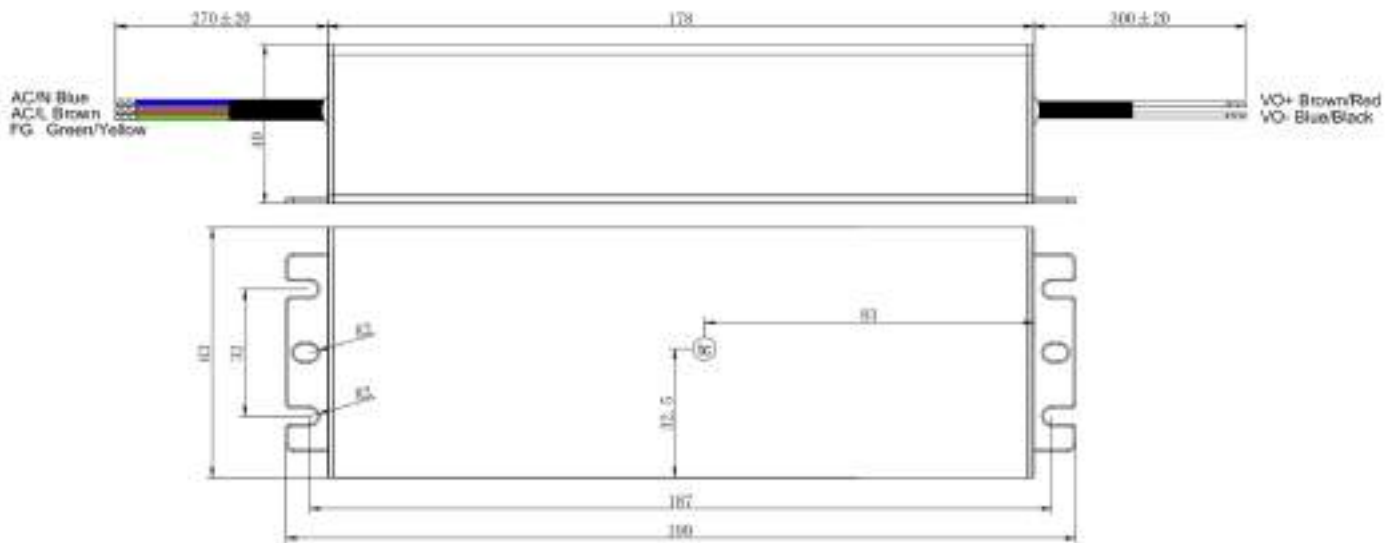






## Technical Data

- Constant voltage + Constant current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.0A max, 50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



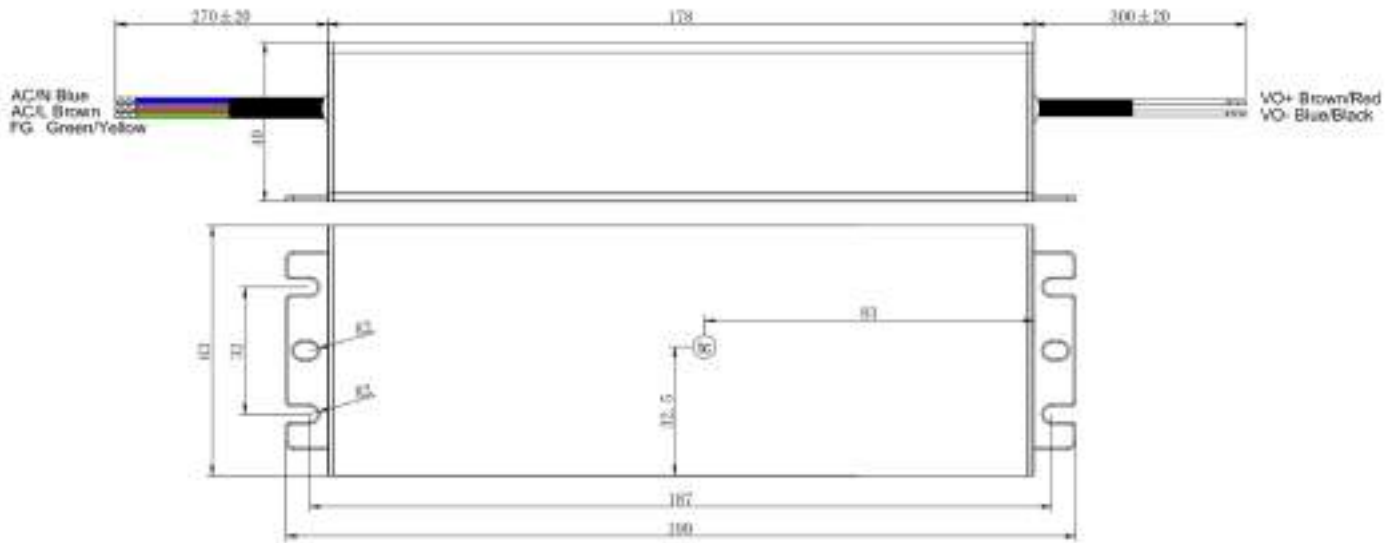
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-150A1-24	200-277Vac	24V	0-6.25A	0-150W	92%	199x63x40
APMS-150A1-36	200-277Vac	36V	0-4.16A	0-150W	92%	199x63x40
APMS-150A1-48	200-277Vac	48V	0-3.125A	0-150W	93%	199x63x40
APMS-150A1-54	200-277Vac	54V	0-2.77A	0-150W	94%	199x63x40

# APMS-200



## Technical Data

- Constant voltage + Constant current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.2A max, 50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



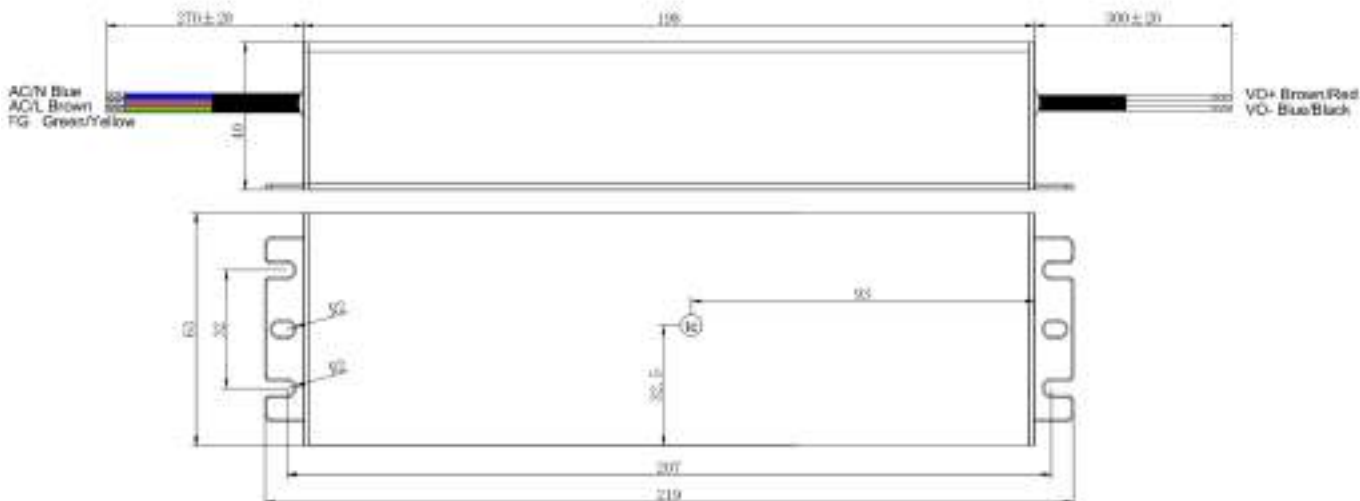
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-200-24	200-277VAC	24V	0-8.3A	0-200W	92%	200x63x40
APMS-200-36	200-277VAC	36V	0-5.5A	0-200W	92%	200x63x40
APMS-200-48	200-277VAC	48V	0-4.16A	0-200W	93%	200x63x40
APMS-200-54	200-277VAC	54V	0-3.7A	0-200W	94%	200x63x40

# APMS-240



## Technical Data

- Constant voltage + Constant current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.8A max, 50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



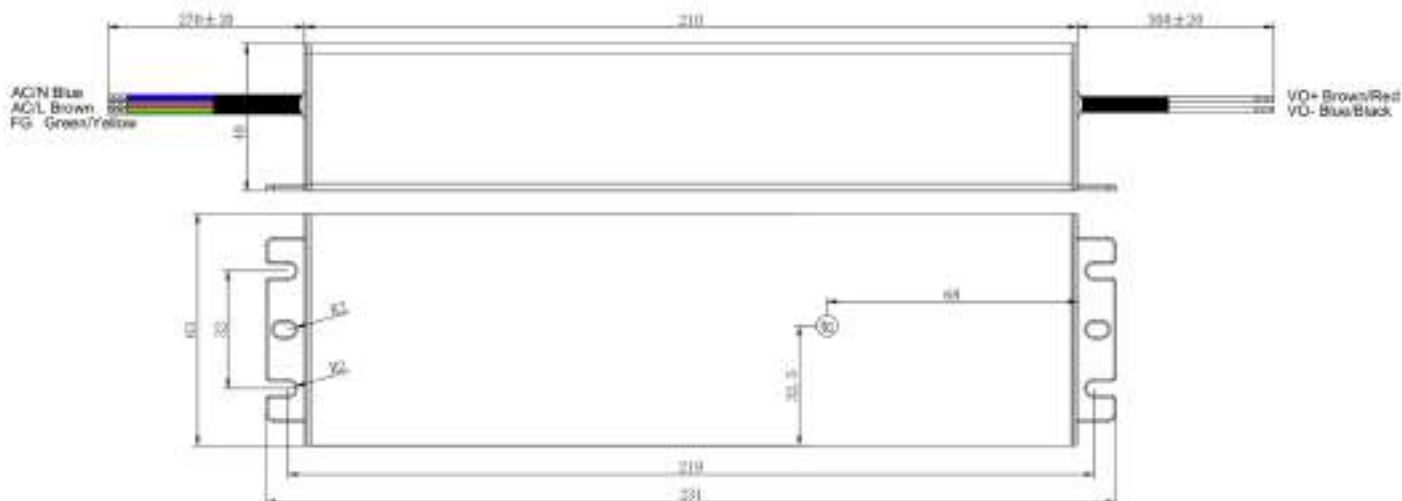
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-240-24	200-277VAC	24V	0-10A	0-240W	92%	219x63x40
APMS-240-36	200-277VAC	36V	0-6.6A	0-240W	93%	219x63x40
APMS-240-48	200-277VAC	48V	0-5.0A	0-240W	93%	219x63x40
APMS-240-54	200-277VAC	54V	0-4.4A	0-240W	94%	219x63x40

# APMS-320



## Technical Data

- Constant voltage + Constant current Output
- High efficiency up to 94%
- PF>0.95, THD<15%
- 200-277VAC Input, 2.5A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-320-24	200-277VAC	24V	0-12.5A	0-300W	92%	231x63x40
APMS-320-36	200-277VAC	36V	0-8.8A	0-320W	93%	231x63x40
APMS-320-48	200-277VAC	48V	0-6.66A	0-320W	93%	231x63x40
APMS-320-54	200-277VAC	54V	0-5.93A	0-320W	94%	220x63x40



30W-320W



## Features:

1. Wide AC input voltage, full range
2. Built-in active PFC function
3. High efficiency up to 94%
4. Protections: Overvoltage/Overload/Short circuit/Over Temperature
5. Cooling by Free air convection, no noise
6. IP67 design for indoor/outdoor installations, suitable for dry, Damp and wet conditions
7. Suitable for indoor/outdoor led lighting, spot lights, LED wall washer lights, floodlights, led projector lights.....
8. Support 60°C harsh working environment
9. Reliability quality with low ripple, THD and Case temperature
10. Long lifespan up to 5 years warranty
11. 3-in-1 Dimming function is optional
12. Multiple output current options, 350mA/700mA/1400mA/2100mA 2800mA/3500mA/4200mA/4900mA
13. Isolated circuit, flicker free

# APMS-30C



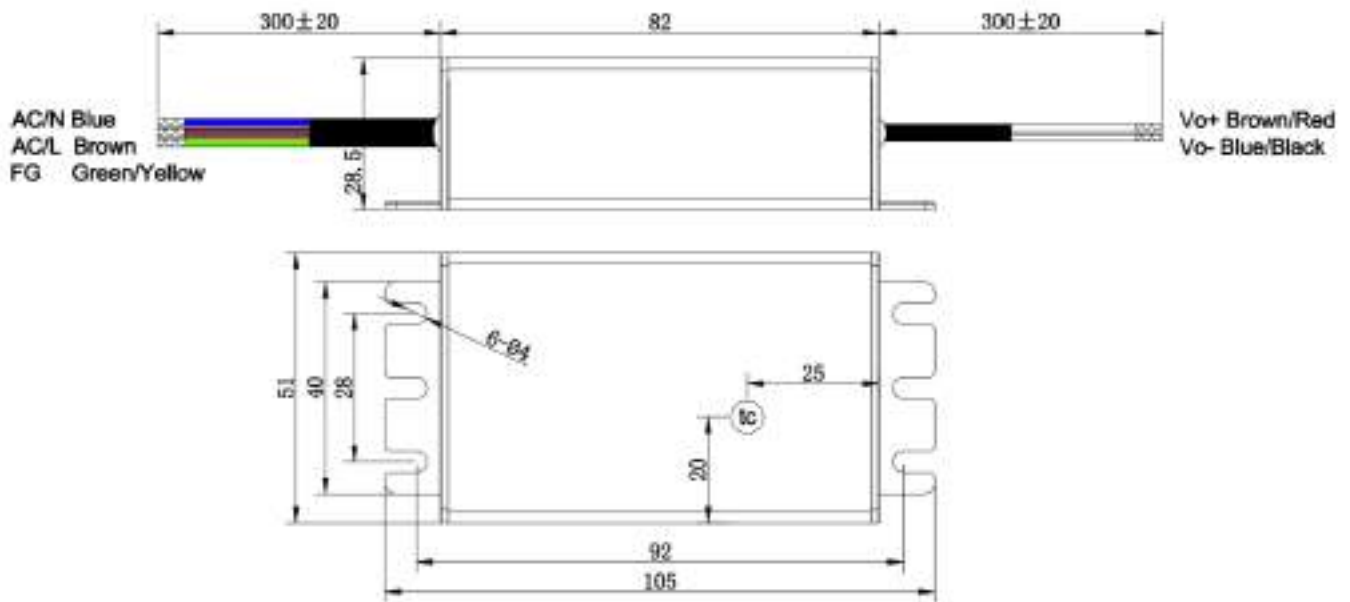





**IP67**

## Technical Data

- Constant Current Output
- High efficiency up to 89%
- PF>0.95, THD<15%
- 200-277VAC Input, 0.3A max,50/60HZ
- With OLP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- Overload/short circuit protection
- 3-in-1 Dimming function is optional



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-30C-350	200-277VAC	42-84VDC	350mA	30W	88%	105x51x28.5
APMS-30C-700	200-277VAC	21-42VDC	700mA	30W	88%	105x51x28.5
APMS-30C-1050	200-277VAC	14-28VDC	1050mA	30W	89%	105x51x28.5

# APMS-60C





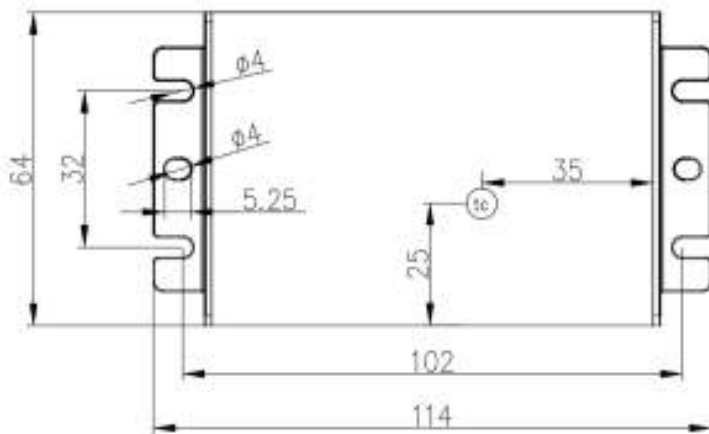
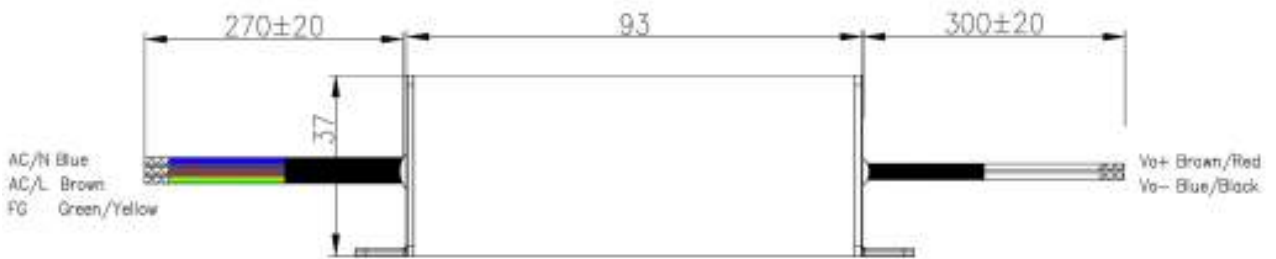




**IP67**

## Technical Data

- Constant Current Output
- High efficiency up to 89%
- PF>0.95, THD<15%
- 200-277VAC Input, 0.5A max, 50/60HZ
- With OLP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- Overload/short circuit protection
- 3-in-1 Dimming function is optional



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-60C-350	200-277VAC	86-171VDC	350mA	60W	88%	114x64x37
APMS-60C-700	200-277VAC	43-86VDC	700mA	60W	88%	114x64x37
APMS-60C-1050	200-277VAC	28-57VDC	1050mA	60W	89%	114x64x37
APMS-60C-1400	200-277VAC	21-42VDC	1400mA	60W	89%	114x64x37

# APMS-75C



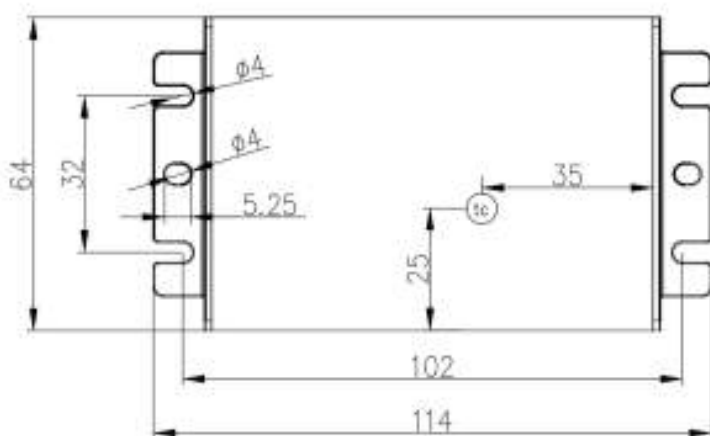





**IP67**

## Technical Data

- Constant Current Output
- High efficiency up to 89%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 0.55A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- Overload/short circuit protection
- 3-in-1 Dimming function is optional



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APMS-75C-700	200-277VAC	54-108VDC	700mA	75W	88%	114x64x37
APMS-75C-1050	200-277VAC	36-72VDC	1050mA	75W	88%	114x64x37
APMS-75C-1400	200-277VAC	27-54VDC	1400mA	75W	89%	114x64x37
APMS-75C-1750	200-277VAC	21-42VDC	1750mA	75W	89%	114x64x37
APMS-75C-2100	200-277VAC	18-36VDC	2100mA	75W	89%	114x64x37
APMS-75C-2800	200-277VAC	14-27VDC	2800mA	75W	89%	114x64x37
APMS-75C-3500	200-277VAC	10-21VDC	3500mA	75W	89%	114x64x37

# APMS-100C



## Technical Data

- Constant Current Output
- High efficiency up to 92%
- PF>0.95, THD<15%
- 200-277VAC Input, 1.0A max, 50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional





**SELV**

**IP67**



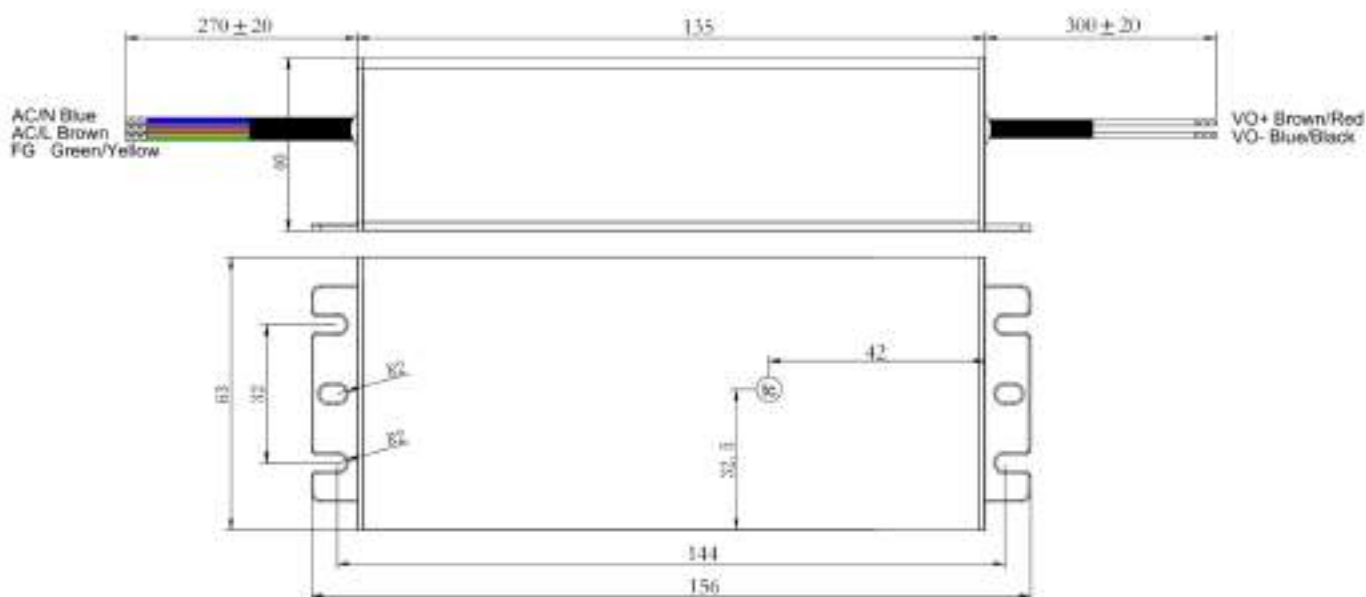
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-100C-700	200-277VAC	72-144VDC	700mA	100W	92%	174x51x38
APMS-100C-1050	200-277VAC	48-96VDC	1050mA	100W	92%	174x51x38
APMS-100C-1400	200-277VAC	36-72VDC	1400mA	100W	92%	174x51x38
APMS-100C-1750	200-277VAC	28-56VDC	1750mA	98W	92%	174x51x38
APMS-100C-2100	200-277VAC	24-48VDC	2100mA	100W	92%	174x51x38
APMS-100C-2800	200-277VAC	18-36VDC	2800mA	100W	92%	174x51x38
APMS-100C-3500	200-277VAC	14-27VDC	3500mA	96W	92%	174x51x38

# APMS-100A1C



## Technical Data

- Constant Current Output
- High efficiency up to 92%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCV/OTP/SCP
- 3-in-1 Dimming function is optional



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-100A1C-700	200-277VAC	72-144VDC	700mA	100W	92%	156x63x40
APMS-100A1C-1050	200-277VAC	48-96VDC	1050mA	100W	92%	156x63x40
APMS-100A1C-1400	200-277VAC	36-72VDC	1400mA	100W	92%	156x63x40
APMS-100A1C-1750	200-277VAC	28-57VDC	1750mA	98W	92%	156x63x40
APMS-100A1C-2100	200-277VAC	24-48VDC	2100mA	100W	92%	156x63x40
APMS-100A1C-2800	200-277VAC	18-36VDC	2800mA	100W	92%	156x63x40
APMS-100A1C-3500	200-277VAC	14-27VDC	3500mA	96W	92%	156x63x40

# APMS-150C



## Technical Data

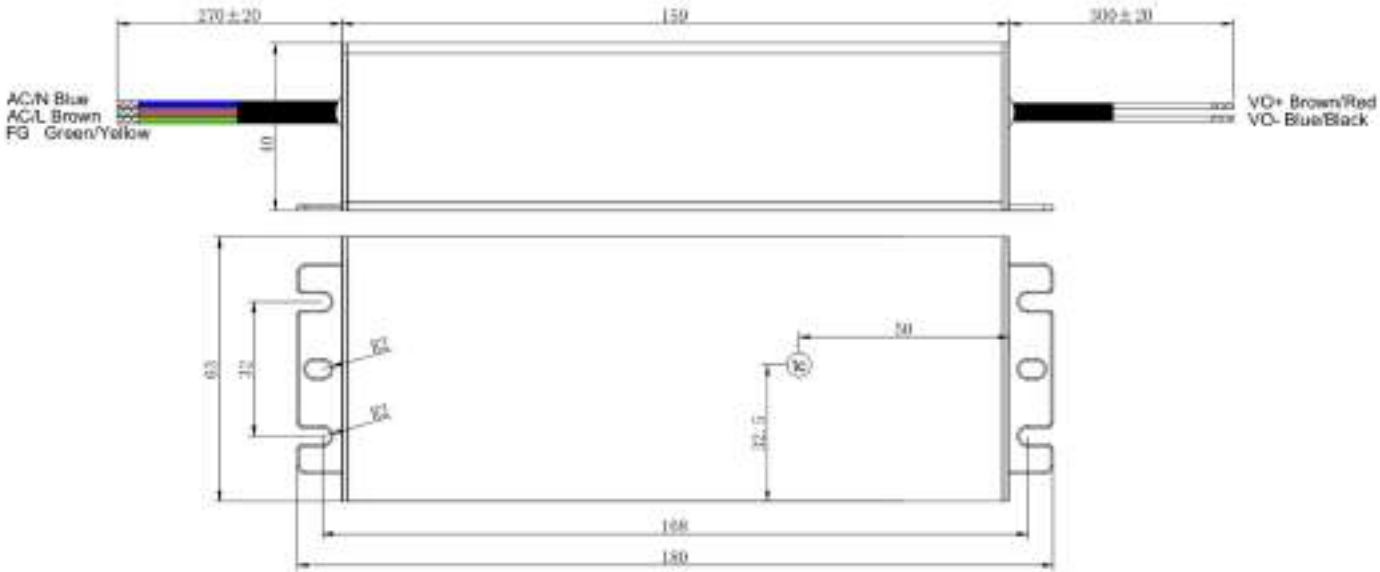
- Constant Current Output
- High efficiency up to 92%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional





**SELV**

**IP67**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-150C-700	200-277VAC	107-214VDC	700mA	150W	92%	180x63x40
APMS-150C-1050	200-277VAC	72-144VDC	1050mA	150W	92%	180x63x40
APMS-150C-1400	200-277VAC	54-107VDC	1400mA	150W	92%	180x63x40
APMS-150C-1750	200-277VAC	43-86VDC	1750mA	150W	92%	180x63x40
APMS-150C-2100	200-277VAC	36-72VDC	2100mA	150W	92%	180x63x40
APMS-150C-2800	200-277VAC	27-54VDC	2800mA	150W	92%	180x63x40
APMS-150C-3500	200-277VAC	21-42VDC	3500mA	147W	92%	180x63x40
APMS-150C-5000	200-277VAC	15-30VDC	5000mA	150W	92%	180x63x40

# APMS-150A1C



## Technical Data

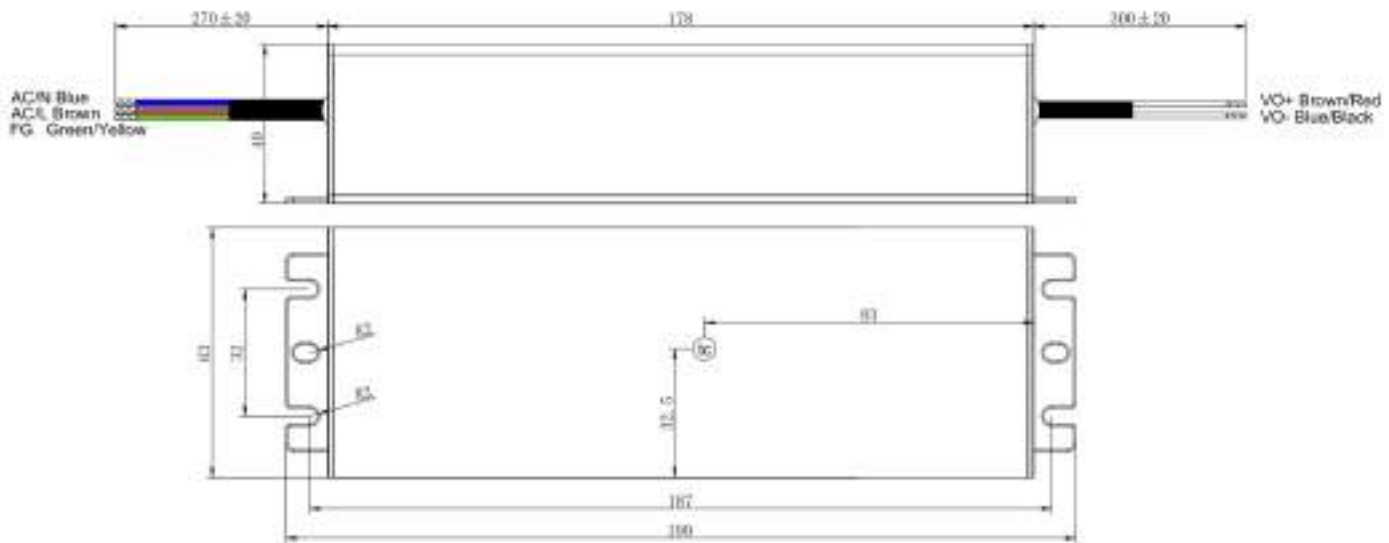
- Constant Current Output
- High efficiency up to 92%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 1.0A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional





**SELV**

**IP67**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-150A1C-700	200-277VAC	107-214VDC	700mA	150W	92%	199x63x40
APMS-150A1C-1050	200-277VAC	72-144VDC	1050mA	150W	92%	199x63x40
APMS-150A1C-1400	200-277VAC	54-107VDC	1400mA	150W	92%	199x63x40
APMS-150A1C-1750	200-277VAC	42-84VDC	1750mA	147W	92%	199x63x40
APMS-150A1C-2100	200-277VAC	36-72VDC	2100mA	150W	92%	199x63x40
APMS-150A1C-2800	200-277VAC	27-54VDC	2800mA	150W	92%	199x63x40
APMS-150A1C-3500	200-277VAC	21-42VDC	3500mA	147W	92%	199x63x40
APMS-150A1C-5000	200-277VAC	15-30VDC	5000mA	150W	92%	199x63x40

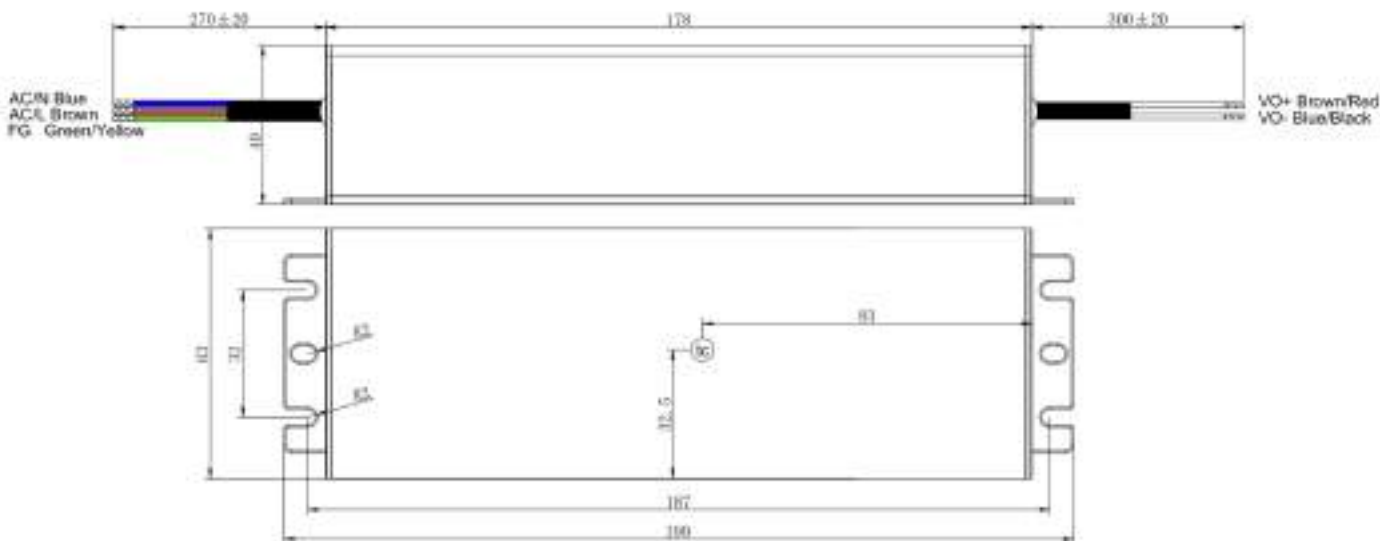


# APMS-200C



## Technical Data

- Constant Current Output
- High efficiency up to 92%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 1.2A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional



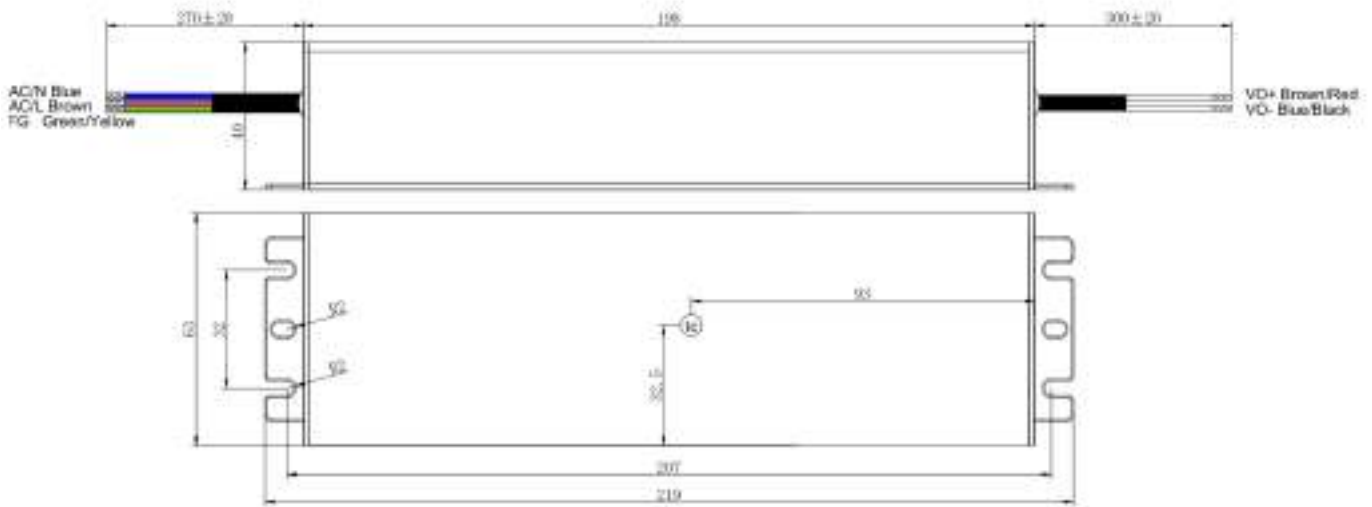
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-200C-1050	200-277VAC	96-192VDC	1050mA	201W	92%	199x63x40
APMS-200C-1400	200-277VAC	72-144VDC	1400mA	200W	92%	199x63x40
APMS-200C-1750	200-277VAC	57-114VDC	1750mA	200W	92%	199x63x40
APMS-200C-2100	200-277VAC	48-96VDC	2100mA	200W	92%	199x63x40
APMS-200C-2800	200-277VAC	36-72VDC	2800mA	200W	93%	199x63x40
APMS-200C-3500	200-277VAC	30-57VDC	3500mA	200W	93%	199x63x40
APMS-200C-4200	200-277VAC	24-48VDC	4200mA	200W	93%	199x63x40
APMS-200C-4900	200-277VAC	21-42VDC	4900mA	200W	94%	199x63x40
APMS-200C-5600	200-277VAC	18-36VDC	5600mA	200W	94%	199x63x40

# APMS-240C



## Technical Data

- Constant Current Output
- High efficiency up to 92%
- PF>0.95,THD<15%
- 200-277VAC Input, 1.8A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional



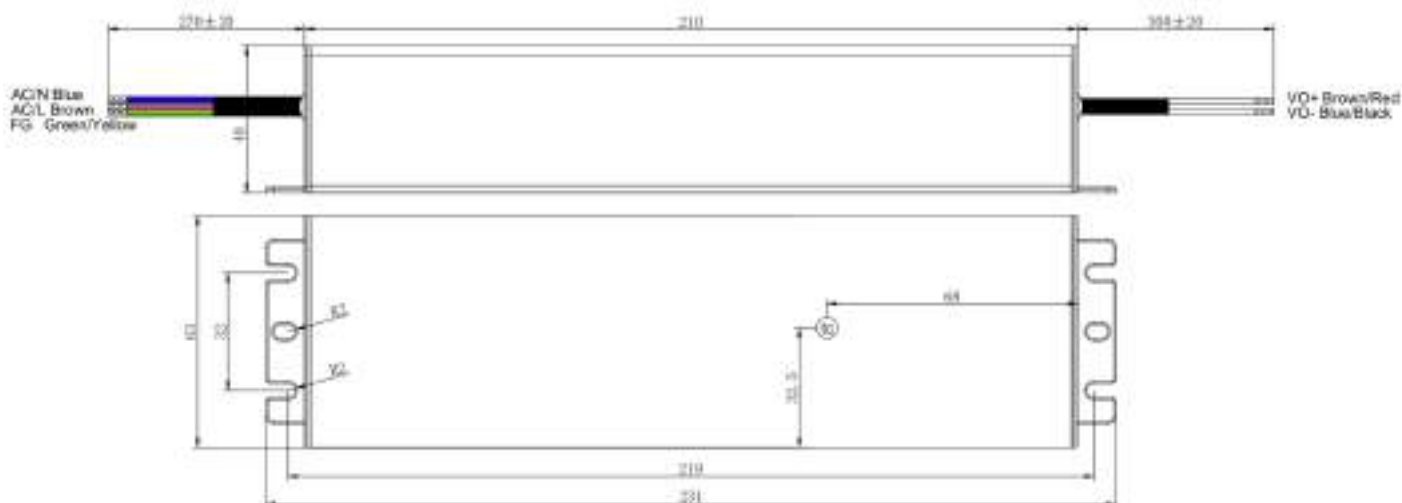
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-240C-1050	200-277VAC	114-228VDC	1050mA	240W	92%	219x63x40
APMS-240C-1400	200-277VAC	86-172VDC	1400mA	240W	92%	219x63x40
APMS-240C-1750	200-277VAC	69-138VDC	1750mA	240W	92%	219x63x40
APMS-240C-2100	200-277VAC	57-144VDC	2100mA	240W	92%	219x63x40
APMS-240C-2800	200-277VAC	45-87VDC	2800mA	243.5W	92%	219x63x40
APMS-240C-3500	200-277VAC	36-69VDC	3500mA	241.5W	92%	219x63x40
APMS-240C-4200	200-277VAC	30-57VDC	4200mA	240W	92%	219x63x40
APMS-240C-4900	200-277VAC	24-48VDC	4900mA	240W	92%	219x63x40
APMS-240C-5600	200-277VAC	21-42VDC	5600mA	240W	92%	219x63x40

# APMS-320C



## Technical Data

- Constant Current Output
- High efficiency up to 92%
- PF>0.95 ,THD<15%
- 200-277VAC Input, 2.5A max,50/60HZ
- With OVP/OLP/OTP/SCP protection
- IP67 full sealed with silicon gel
- Compliance to EN61347-1, EN61347-2-13, EN60598-1, EN60598-2-6, EN55015, EN61000-3-2, Class C EN61000-3-3, EN61547, EN61000-4-2, EN61000-4-5
- OVP/OCP/OTP/SCP
- 3-in-1 Dimming function is optional



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
APMS-320C-1400	200-277VAC	114-228VDC	1400mA	320W	92%	231x63x40
APMS-320C-1750	200-277VAC	91-182VDC	1750mA	320W	92%	231x63x40
APMS-320C-2100	200-277VAC	76-152VDC	2100mA	320W	92%	231x63x40
APMS-320C-2800	200-277VAC	57-114VDC	2800mA	320W	92%	231x63x40
APMS-320C-3500	200-277VAC	45-90VDC	3500mA	320W	92%	231x63x40
APMS-320C-4200	200-277VAC	38-76VDC	4200mA	320W	92%	231x63x40
APMS-320C-4900	200-277VAC	32-64VDC	4900mA	320W	92%	231x63x40
APMS-320C-5600	200-277VAC	28-56VDC	5600mA	320W	92%	231x63x40

60W/150W 24V-48V



## Features:

1. Wide AC input voltage, full range
2. Built-in active PFC function
3. High efficiency up to 92%
4. Protections: Overvoltage/Overload/Short circuit/Over Temperature
5. Cooling by Free air convection, no noise
6. IP67 design for indoor/outdoor installations, suitable for dry, Damp and wet conditions
7. Constant voltage and constant current mode output
8. Plastic housing with Class II design
9. Class II power unit
10. 3 Years warranty

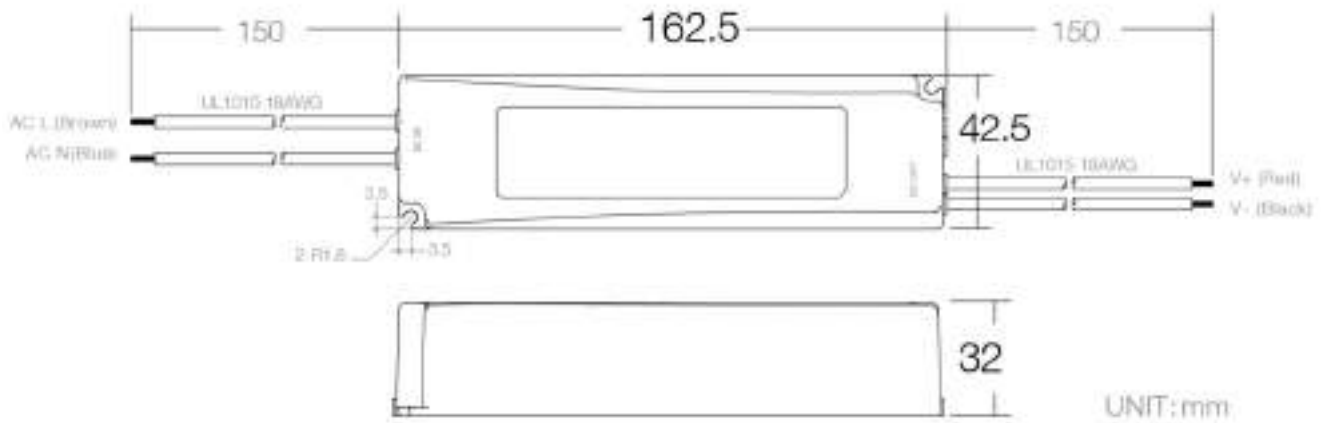
# APF-60-24



**SELV IP67**

## Technical Data

- Constant Voltage + Constant current mode
- PF>0.95, THD<15%
- 100-264VAC wide input voltage range
- IP67 full sealed with silicon gel
- Protections: Short circuit / Overload
- Plastic housing with V0 fire-proof level
- class II Power Unit, NO FG
- -30 °C to 50 °C full load, Tc Max:80 °C
- 3 years warranty



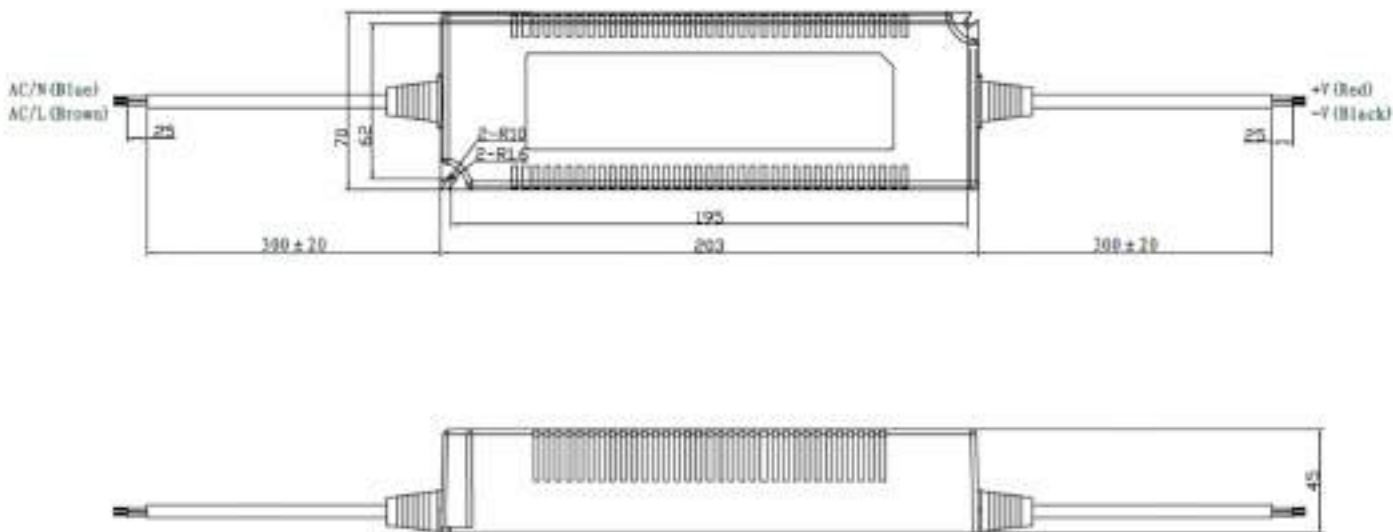
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/m m
APF-60-24	100-240Vac	24V	0-2.5A	0-60W	92%	162 x 42.5 x 32
APF-60-36	100-240Vac	36V	0-1.66A	0-60W	92%	162 x 42.5 x 32
APF-60-48	100-240Vac	48V	0-1.25A	0-60W	92%	162 x 42.5 x 32
APF-75-24	100-240Vac	24V	0-3.125A	0-75W	92%	162 x 42.5 x 32
APF-75-36	100-240Vac	36V	0-2.08A	0-75W	92%	162 x 42.5 x 32
APF-75-48	100-240Vac	48V	0-1.56A	0-75W	92%	162 x 42.5 x 32

# APF-150-24



## Technical Data

- Constant Voltage + Constant current mode
- PF>0.95, THD<15%
- 100-264VAC wide input voltage range
- IP67 full sealed with silicon gel
- Protections: Short circuit / Overcurrent/overvoltage/over temperature
- Plastic housing with V0 fire-proof level
- class II Power Unit, NO FG
- -30 °C to 50 °C full load, Tc Max:80 °C
- 3 years warranty



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/ mm
APF-150-24	100-240Vac	24V	0-6.25A	0-150W	92%	203x70x45
APF-150-36	100-240Vac	36V	0-4.16A	0-150W	92%	203x70x45
APF-150-48	100-240Vac	48V	0-3.125A	0-150W	93%	203x70x45

## Main Features:

1. 180-264VAC wide input voltage range
2. DC12V- 48V output voltage available
3. Built in active PFC circuit, **PF>0.95**
4. THD<15%
5. Working efficiency up to 92%
6. Low ripple, low temperature rise, high reliability
7. World-wide known electronic brand, Aishi Electronic capacitors
8. IP67 Full sealed waterproof type
9. 3/5 years warranty optional
10. class II power unit, NO FG

**PENDING**

Suitable for LED Strips, LED Tapes, LED Neonflex, LED Modules, LED Bars.....

**Release schedule: End of May 2021**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/ mm
APF-60HL-12	200-240Vac	12V	0-5.0A	0-60W	89%	131x42x34
APF-60HL-24	200-240Vac	24V	0-2.5A	0-60W	89%	131x42x34
APF-100HL-12	200-240Vac	12V	0-8.0A	0-96W	91%	155x50x32
APF-100HL-24	200-240Vac	24V	0-4.0A	0-96W	91%	155x50x32

60W-200W 12V/24V/36V/48V



20% Smaller, 50% higher Power

## Features:

1. Wide AC input voltage 180-264VAC
2. High efficiency up to 92%
3. Protections: Overvoltage/Overload/Short circuit/Over Temperature
5. Cooling by Free air convection, no noise
6. IP67 design for indoor/outdoor installations, suitable for dry, Damp and wet conditions
7. Constant voltage + Constant current Drive mode
8. Plastic housing with Class II design
9. -30°C to 50 °C full load operation temperature range
10. 3 Years warranty
11. Smaller but with high Power



# APVM-60

**PENDING**

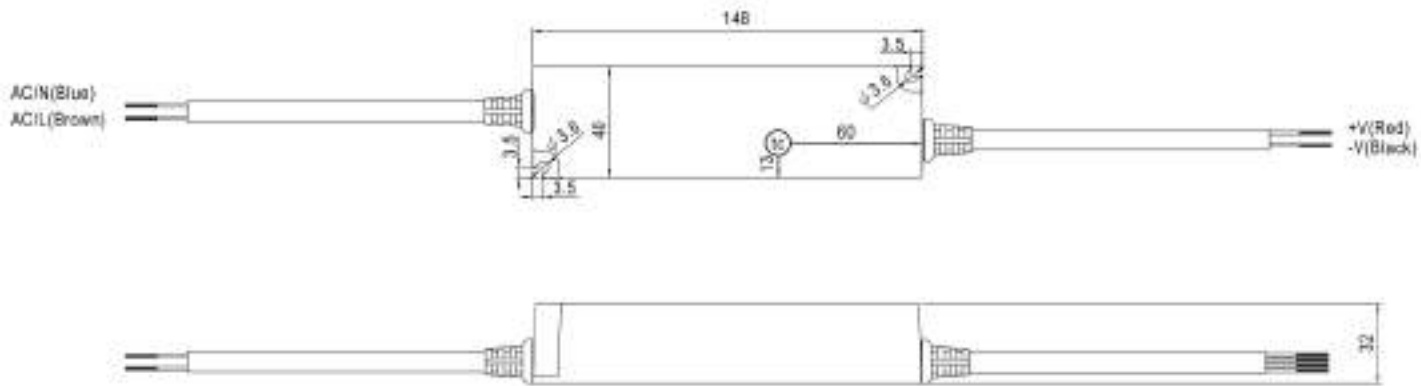


## Technical Data

- Constant Voltage mode
- High efficiency up to 89%
- 180-264VAC Input, 1.0A max,50/60HZ
- IP67 full sealed with plastic housing with V0 Level
- Class II power unit, NO FG
- Protection: OVP/OLP/OTP/SCP
- Compliance to EN55015, EN55032,EN62368
- -30 °C to 50 °C operating temperature range
- Ta:50 °C, Tc:85 °C Max
- 3 years warranty

CE SELV **IP67**

**Release Schedule: May 2021**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APVM-60-12	200-240Vac	12V	0-5.0A	0-60W	89%	148x40x32
APVM-60-24	200-240Vac	24V	0-2.5A	0-60W	89%	148x40x32
APVM-60-36	200-240Vac	36V	0-1.66A	0-60W	90%	148x40x32
APVM-60-48	200-240Vac	48V	0-1.25A	0-60W	90%	148x40x32

# APVM-100



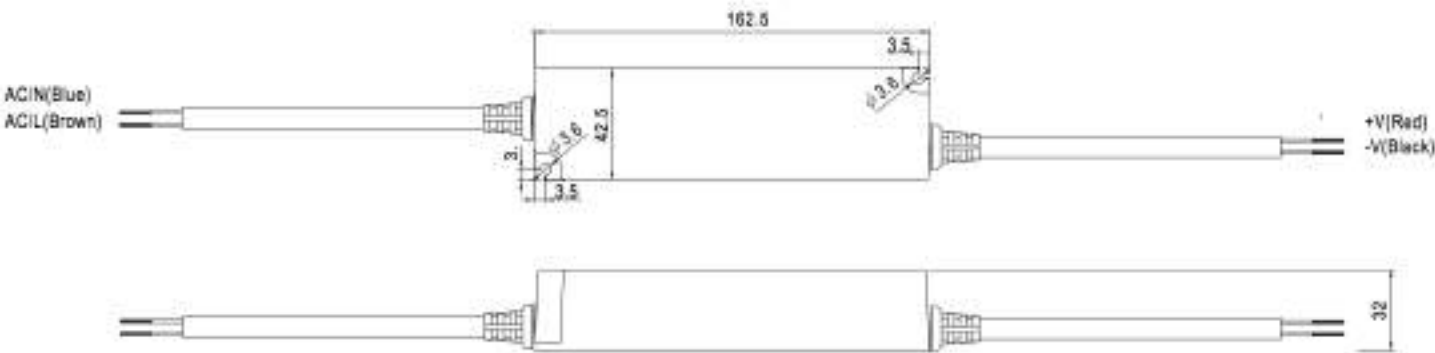
## Technical Data

- Constant Voltage + Constant current mode
- High efficiency up to 92%
- 180-264VAC Input, 1.2A max,50/60HZ
- IP67 full sealed with plastic housing V0 Level
- Class II power unit, NO FG
- Protection: OVP/OLP/OTP/SCP
- Compliance to EN55015, EN55032,EN62368
- -30 °C to 50 °C operating temperature range
- Ta:50 °C, Tc:85 °C Max
- 3 years warranty






**IP67**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/ mm
APVM-100-12	200-240Vac	12V	0-8.0A	0-96W	89.5%	162.5x42.5x32
APVM-100-24	200-240Vac	24V	0-4.0A	0-96W	90%	162.5x42.5x32
APVM-100-36	200-240Vac	36V	0-2.77A	0-100W	91%	162.5x42.5x32
APVM-100-48	200-240Vac	48V	0-2.1A	0-100.8W	92%	162.5x42.5x32

# APVM-150



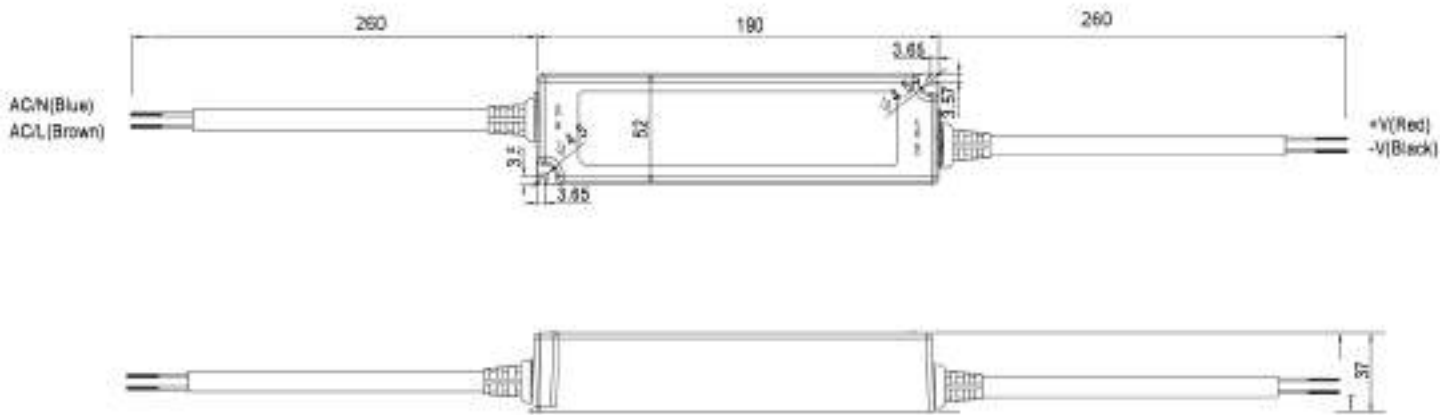
## Technical Data

- Constant Voltage + Constant current mode
- High efficiency up to 93%
- 180-264VAC Input, 1.5A max,50/60HZ
- IP67 full sealed with plastic housing V0 Level
- Class II power unit, NO FG
- Protection: OVP/OLP/OTP/SCP
- Compliance to EN55015, EN55032,EN62368
- -30 °C to 50 °C operating temperature range
- Ta:50 °C, Tc:85 °C Max
- 3 years warranty






**IP67**



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/ mm
APVM-150-12	200-240Vac	12V	12.0A	144W	91%	190x52x37
APVM-150-24	200-240Vac	24V	6.25A	150W	91%	190x52x37
APVM-150-36	200-240Vac	36V	4.16A	150W	92%	190x52x37
APVM-150-48	200-240Vac	48V	3.125A	150W	93%	190x52x37

# APV-150



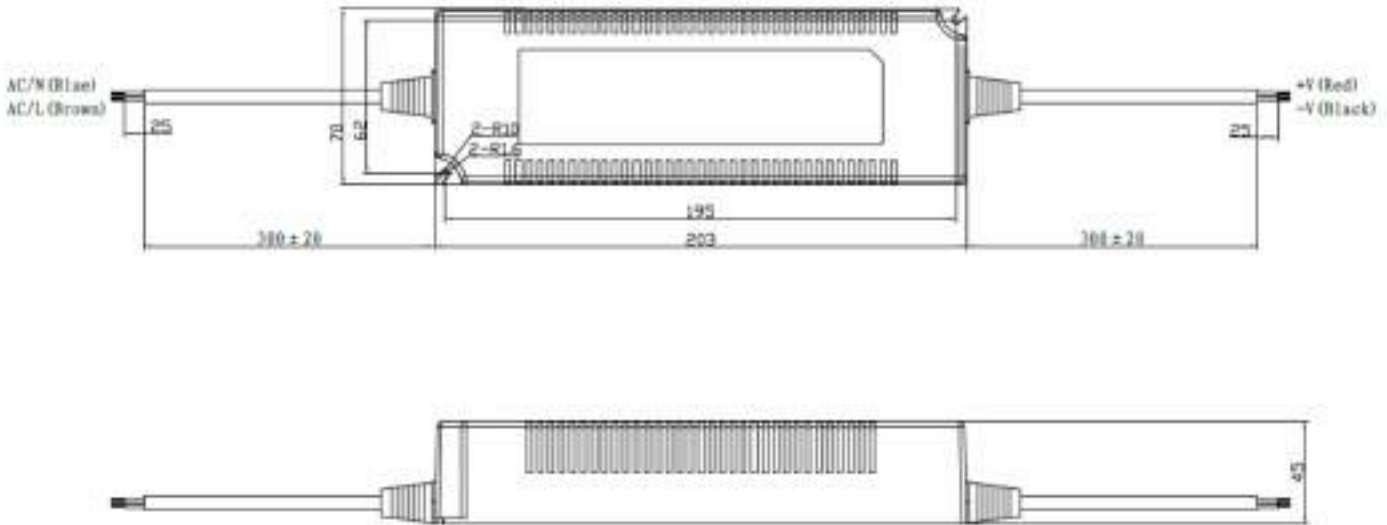





**IP67**

## Technical Data

- Constant Voltage + constant Current mode
- High efficiency up to 93%
- 180-277VAC Input, 2.0A max,50/60HZ
- IP67 full sealed with plastic housing
- Class II power unit, NO FG
- Low ripple and noise
- Protection: OVP/OLP/OTP/SCP
- Compliance to EN55015, EN55032,EN62368
- -30 °C to 50 °C operating temperature range
- Ta:50 °C, Tc:80 °C Max
- 3 years warranty



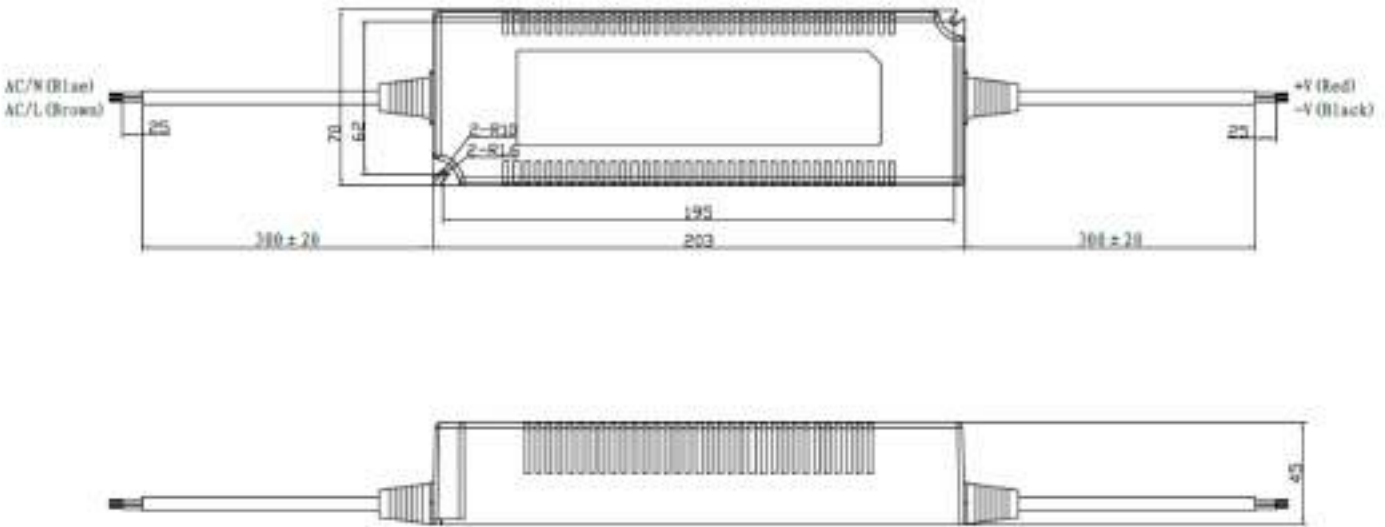
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APV-150-24	200-240Vac	24V	6.25A	0-150W	92%	203x70x45
APV-150-36	200-240Vac	36V	4.16A	0-150W	92%	203x70x45
APV-150-48	200-240Vac	48V	3.125A	0-150W	93%	203x70x45

# APV-200



## Technical Data

- Constant Voltage + constant Current mode
- High efficiency up to 93%
- 180-277VAC Input, 2.8A max, 50/60HZ
- IP67 full sealed with plastic housing
- Class II power unit, NO FG
- Low ripple and noise
- Protection: OVP/OLP/OTP/SCP
- Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-4-2,3,4,5,6,8,11; EN50204, EN55024, EN61547, 61000-3-2 Class A
- 3 years warranty



Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
APV-200-24	200-240Vac	24V	8.3A	0-200W	92%	203x70x45
APV-200-36	200-240Vac	36V	5.5A	0-200W	92%	203x70x45
APV-200-48	200-240Vac	48V	4.16A	0-200W	93%	203x70x45

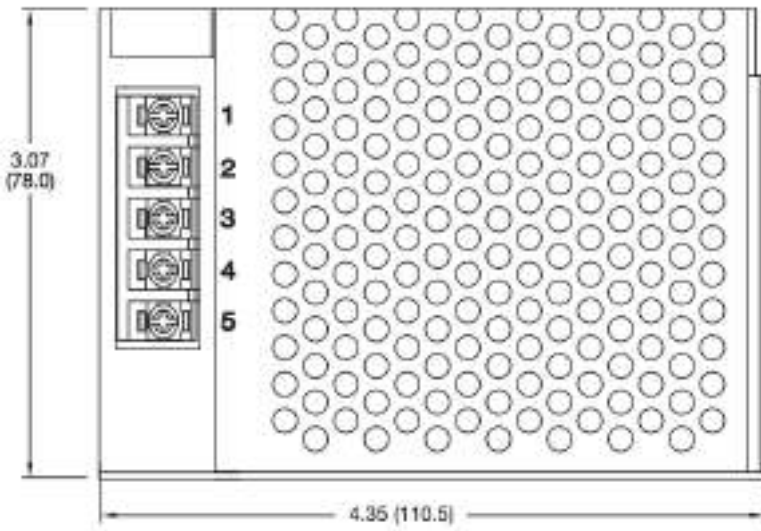


## Features:

1. 85-264 VAC (127-370 VDC) input voltage
2. High efficiency up to 88%
3. Protections: Overvoltage/Overload/Short circuit/Over Temperature
4. 100% full load testing
5. Cooling by Free air convection, no noise
6. -25 °C to +70 °C Convection Cooled
7. Output Voltages from 5 V to 48 V
8. Class B Conducted & Radiated Emissions
9. Full series 50W/70W/100W,mini Size
10. Compliance to EN61000-3-2 class A,EN61000-3-3,EN61000-4-2,
11. EN61000-4-3,EN61000-4-4,EN61000-4-6,IEC60950-1,UL60950-1 quality standard
12. 3 Years Warranty

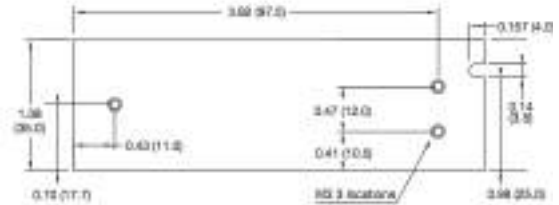
## EMC & Safety Emissions

- EN55022 Class B conducted & radiated Harmonic Currents
- EN61000-3-2 class A Voltage Flicker
- EN61000-3-3 ESD Immunity
- EN61000-4-2, level 3 Perf Criteria A Radiated Immunity
- EN61000-4-3, level 3 Perf Criteria A EFT/Burst
- EN61000-4-4, level 3 Perf Criteria A (note 3) Surge
- EN61000-4-5, installation Class 3, Perf Criteria A Conducted Immunity
- EN61000-4-6, level 3 Perf Criteria A Dips & Interruptions
- EN61000-4-11, 30% 10 ms, 60% 100 ms, 100% 5000 ms, Perf Criteria A, B, B Safety Approvals
- IEC60950-1, CSA C22.2 No.60950-1-03, UL60950-1,



## Technical Data:

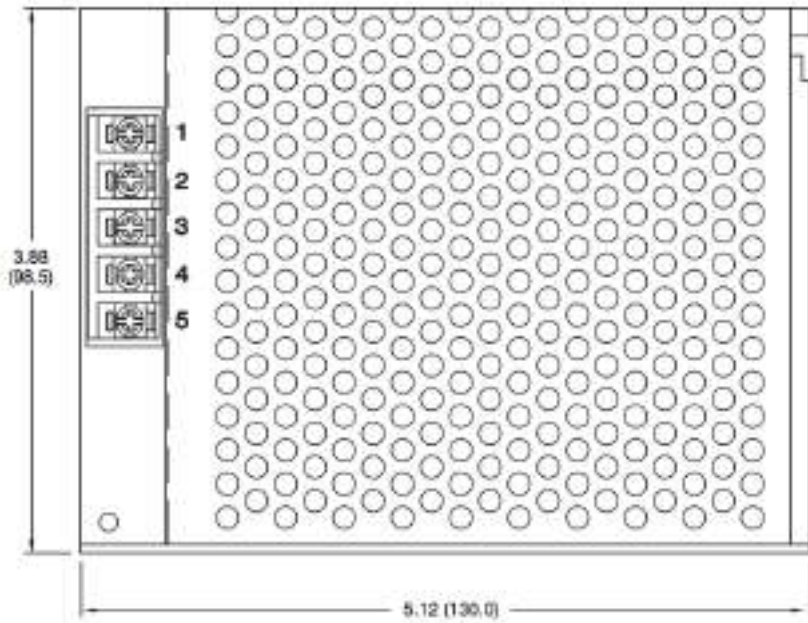
- Chassis Mount Industrial Supplies
- -25 °C to +70 °C Convection Cooled
- Class B Conducted & Radiated Emissions
- Output Voltages from 5 V to 48 V
- <0.5 W No Load Input Power
- Insulation: I/P-O/P:3000KV
- 90-264VAC,1.1A/50W,1.4A/70W, 2.0A/100W input current
- 60 A max at 230 VAC, cold start at 25 °C
- Input Protection: 50 & 70 W: T3.15 A/250 V 100 W: T4.0A/250 V, fuse fitted in live line



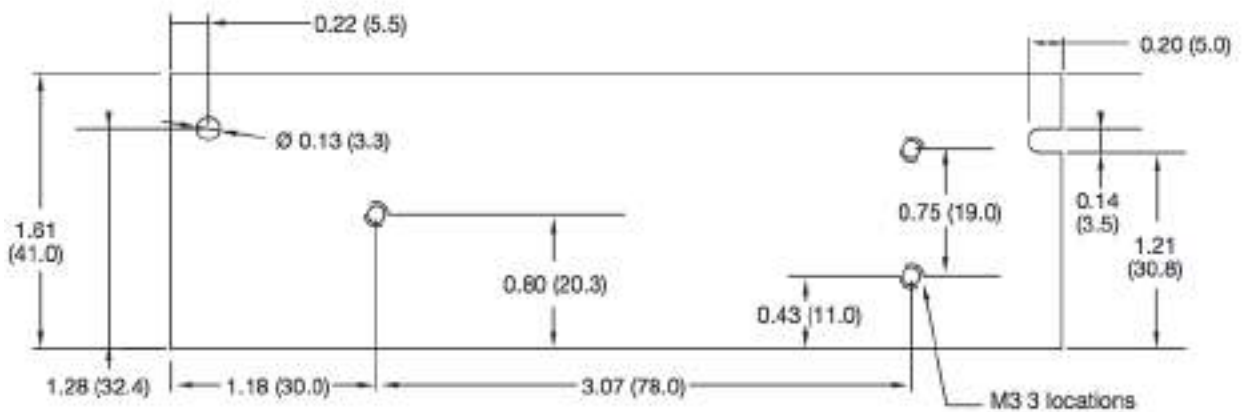
Pin	Function
1	AC/L
2	AC/N
3	Ground
4	-Vout
5	+Vout

## ATP-50 Series

Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension /mm
ATP-50-5	90-264Vac	5V	8A	40W	79%	110.5x78x35
ATP-50-12	90-264Vac	12V	4.2A	50W	85%	110.5x78x35
ATP-50-24	90-264Vac	24V	3.3A	50W	86%	110.5x78x35
ATP-50-36	90-264Vac	36V	2.1A	50W	88%	110.5x78x35
ATP-50-48	90-264Vac	48V	1.05A	50W	88%	110.5x78x35



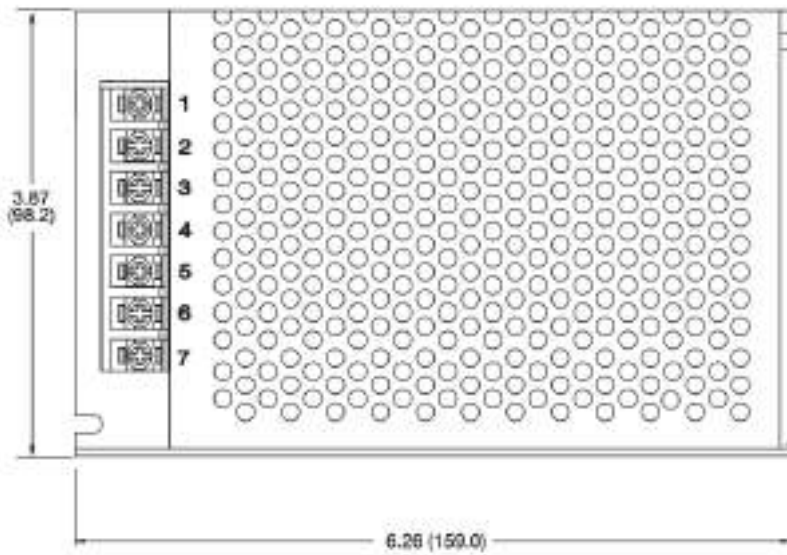
Pin	Function
1	AC/L
2	AC/N
3	Ground
4	-Vout
5	+Vout



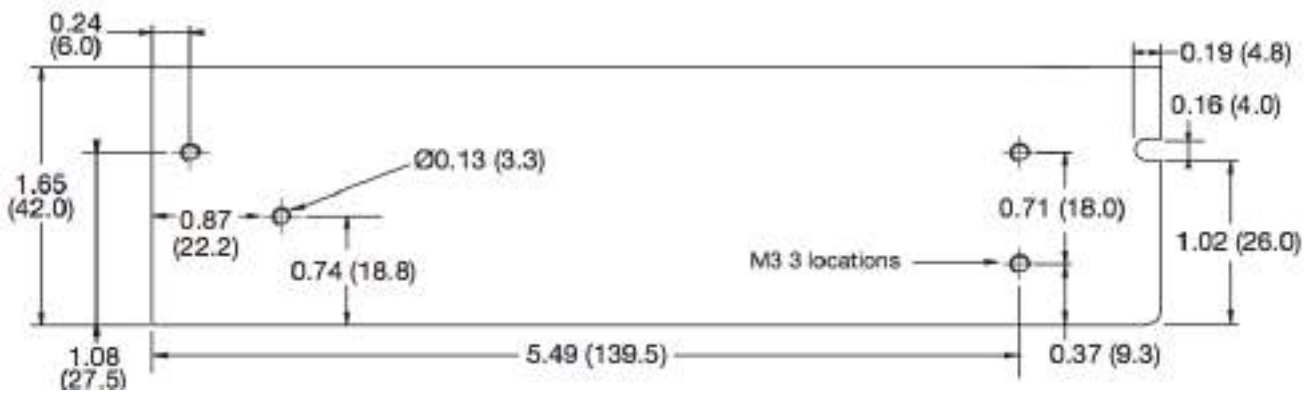
## ATP-70 Series

Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/ mm
ATP-70-5	90-264Vac	5V	10A	70W	80%	130x98.5x41
ATP-70-12	90-264Vac	12V	5.83A	70W	87%	130x98.5x41
ATP-70-24	90-264Vac	24V	4.67A	70W	87%	130x98.5x41
ATP-70-36	90-264Vac	36V	2.92A	70W	87%	130x98.5x41
ATP-70-48	90-264Vac	48V	1.46A	70W	87%	130x98.5x41





Pin	Function
1	AC/L
2	AC/N
3	Ground
4	-Vout
5	-Vout
6	+Vout
7	+Vout



## ATP-100 Series

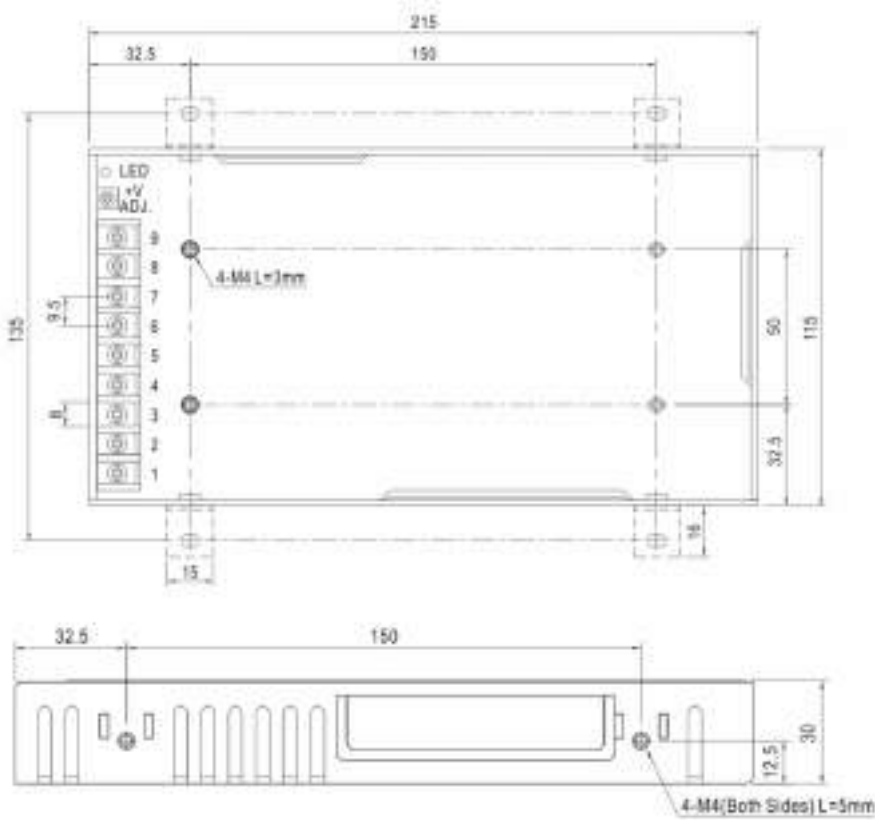
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
ATP-100-5	90-264Vac	5V	14A	70W	78%	110.5x78x35
ATP-100-12	90-264Vac	12V	8.33A	100W	85%	110.5x78x35
ATP-100-24	90-264Vac	24V	6.67A	100W	86%	110.5x78x35
ATP-100-36	90-264Vac	36V	4.17A	100W	86%	110.5x78x35
ATP-100-48	90-264Vac	48V	2.1A	100W	88%	110.5x78x35

## Technical Data



CE ROHS

- 90-264VAC ,2.5A/115Vac 1.5Amax
- Built-in Active PFC, **PF>0.95**
- Low ripple and noise
- Protection: OVP/OLP/OTP/SCP
- Air convection cooling design
- -10~ +70°C wide working temperature range
- Hi-pot: I/P-O/P: 3KV,I/P-FG:1.5KV,O/P-FG:500V
- Output voltage range: DC 12V to 48V
- 3 Years warranty



Pin	Function
1	AC/L
2	AC/N
3	Ground
4	-Vout
5	-Vout
6	-Vout
7	+Vout
8	+Vout
9	+Vout

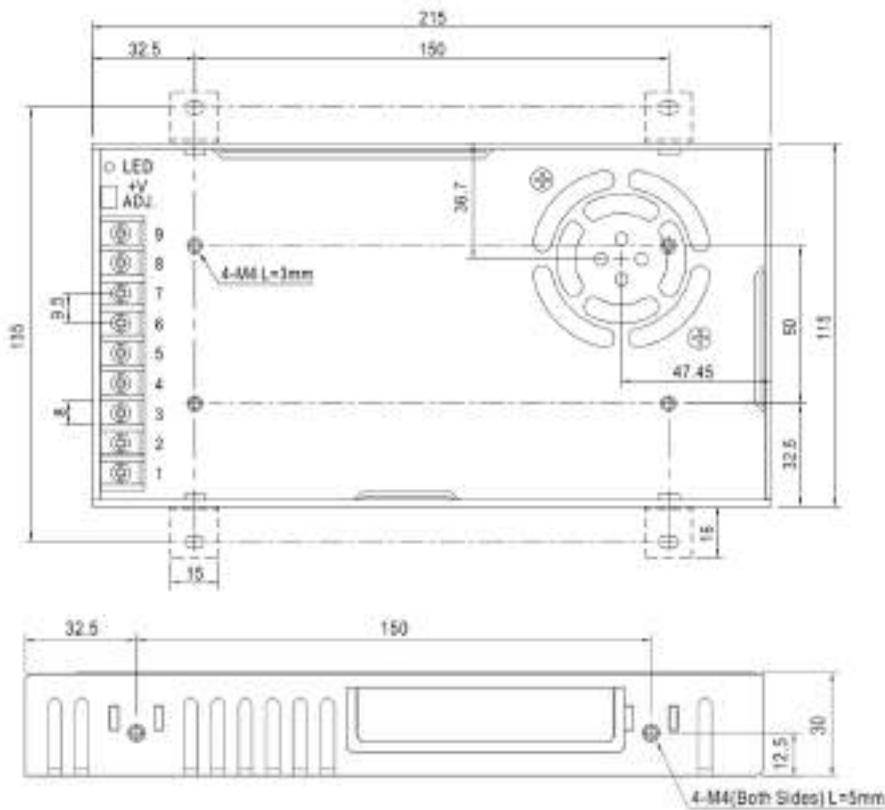
Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
ATPF-200-12	90-264VAC	12V	16A	192W	87%	215x115x30
ATPF-200-15	90-264VAC	15V	13A	195W	88%	215x115x30
ATPF-200-24	90-264VAC	24V	8.0A	192W	89%	215x115x30
ATPF-200-30	90-264VAC	30V	6.5A	195W	90%	215x115x30
ATPF-200-36	90-264VAC	36V	5.5A	198W	90%	215x115x30
ATPF-200-48	90-264VAC	48V	4.2A	201.6W	90%	215x115x30

## Technical Data



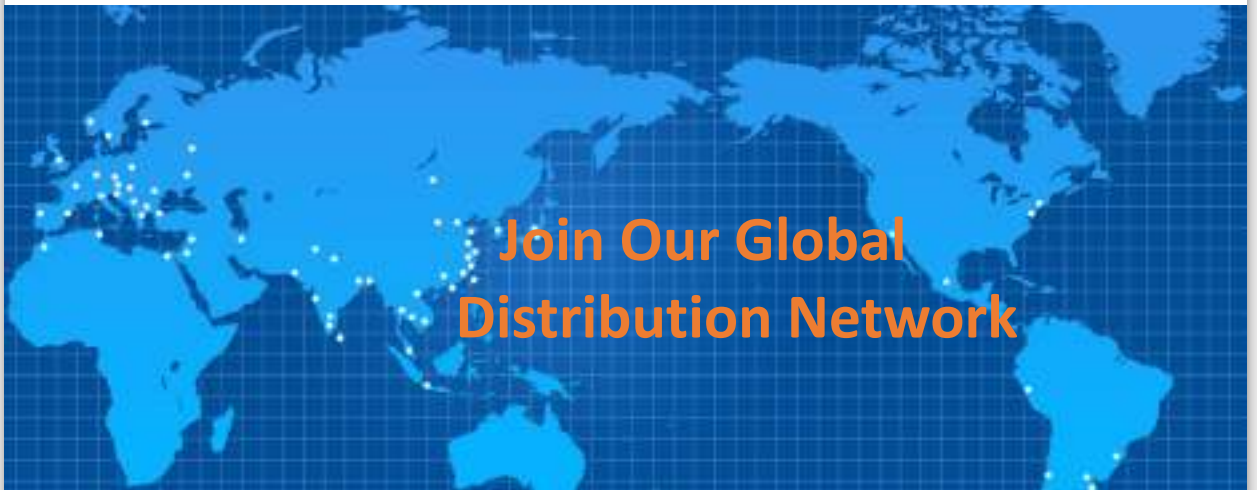
CE ROHS

- 90-264VAC ,2.5A/115Vac 1.5A max
- Built-in Active **PFC**,**PF>0.95**
- Low ripple and noise
- Protection: OVP/OLP/OTP/SCP
- Built-in cooling Fan ON-OFF control
- -10~ +70°C wide working temperature range
- Hi-pot: I/P-O/P: 3KV,I/P-FG:1.5KV,O/P-FG:500V
- Output voltage range: DC 12V to 48V
- 3 Years warranty



Pin	Function
1	AC/L
2	AC/N
3	Ground
4	-Vout
5	-Vout
6	-Vout
7	+Vout
8	+Vout
9	+Vout

Model NO	Input Voltage	Output Voltage	Output current	Output Power	Efficiency	Dimension/mm
ATPF-350-12	90-264VAC	12V	25A	300W	87%	215x115x30
ATPF-350-15	90-264VAC	15V	21A	315W	88%	215x115x30
ATPF-350-24	90-264VAC	24V	14.5A	348W	89%	215x115x30
ATPF-350-30	90-264VAC	30V	11.6A	348W	90%	215x115x30
ATPF-350-36	90-264VAC	36V	9.7A	350W	90%	215x115x30
ATPF-350-48	90-264VAC	48V	7.3A	350W	90%	215x115x30



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