



# Triac Dimmable Constant Voltage

## Triac Dimmable Constant Voltage LED Drivers

### 可控硅恒压电源

#### Features

##### 特性

- High efficiency, high reliability, save energy, protected environment, long life time
- Universal AC input : (100-135V/170-265V)
- Protections : Short circuit/Overload/Over voltage/Over temp.
- Built-in active PFC function : PF>0.90 for 86% of load or higher
- Designing standard : UL1310 Class 2 power unit
- Follow the global lighting safety regulations
- Passed high, low temperature and waterproof testing.
- 100% full load burn-in test.
- 3 years warranty.
- ETL/cETL, FCC, CE, ROHS approval

**产品优势：**高效率，性能稳定，节能环保  
保护环境，寿命长

**国际通用输入电压：**( 100-135V/170-265V )

**保护功能：**短路/过载/过压、  
过温保护功能

**PFC功能：**PFC>0.90 ( 带载>86% )

**设计标准：**UL1310 Class2 电源配置

**遵循全球照明安全条例**

**通过高低温和防水测试**

**满载老化测试率：**100%

**质保期：**3年

**认证：**ETL/cETL, FCC, CE, ROHS

#### Application

##### 适用范围

- Indoor & outdoor LED illuminating lights.
- LED Neon,
- LED City Decoration
- LED Lighting Advertising,
- LED Display, Strips, Light bar
- Commercial LED Lighting,
- LED Panels

户内外LED照明灯光

LED霓虹灯

LED城市装饰灯

LED广告灯带

LED显示屏，灯带，灯条

商用LED照明

LED面板灯

Model 型号	Cover Material 外壳材质	Input Voltage 输入电压 ( Vac )	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( Amp )	Output Power 输出功率 ( Watt )	PFC	Product Size 尺寸 ( mm )	N / W 净重 ( g )
SMT-012-012VT	Plastic (IP20)	AC100-130v	12	1.00	12	>0.91	140*45*28	160
SMT-024-012VT	Plastic (IP20)	AC170-265v	24	0.50	12	>0.91	140*45*28	160
SMT-012-020VT	Plastic (IP20)	AC100-130v	12	1.67	20	>0.91	140*45*28	160
SMT-024-020VT	Plastic (IP20)	AC170-265v	24	0.83	20	>0.91	140*45*28	160
SMT-012-024VT	Plastic (IP20)	AC100-130v	12	2.00	24	>0.7	155*54*20	150
SMT-024-024VT	Plastic (IP20)	AC170-265v	24	1.00	24	>0.7	155*54*20	150
SMT-012-030VT	Plastic (IP20)	AC100-130v	12	2.50	30	>0.9	180*60*34	320
SMT-024-030VT	Plastic (IP20)	AC170-265v	24	1.25	30	>0.9	180*60*34	320
SMT-012-036VT	Plastic (IP20)	AC100-130v	12	3.00	36	>0.91	180*60*34	320
SMT-024-036VT	Plastic (IP20)	AC170-265v	24	1.50	36	>0.91	180*60*34	320
SMT-012-045VT	Plastic (IP20)	AC100-130v	12	3.75	45	>0.91	180*60*34	320
SMT-024-045VT	Plastic (IP20)	AC170-265v	24	1.88	45	>0.91	180*60*34	320
SMT-012-048VT	Plastic (IP20)	AC100-130v	12	4.00	48	>0.7	178*61*24	350
SMT-024-048VT	Plastic (IP20)	AC170-265v	24	2.00	48	>0.7	178*61*24	350
SMT-012-060VT	Plastic (IP20)	AC100-130v	12	5.00	60	>0.7	180*60*34	550
SMT-024-060VT	Plastic (IP20)	AC170-265v	24	2.50	60	>0.7	180*60*34	550
SMT-012-080VT	Aluminum(IP67)	AC100-130v	12	6.67	80	>0.7	200*68*45	1000
SMT-024-080VT	Aluminum(IP67)	AC170-265v	24	3.33	80	>0.7	200*68*45	1000
SMT-012-096VT	Aluminum(IP67)	AC100-130v	12	8.00	96	>0.7	230*68*45	1200
SMT-024-096VT	Aluminum(IP67)	AC170-265v	24	4.00	96	>0.7	230*68*45	1200
SMT-012-120VT	Aluminum(IP67)	AC100-130v	12	10.0	120	>0.7	230*68*45	1200
SMT-024-120VT	Aluminum(IP67)	AC170-265v	24	5.00	120	>0.7	230*68*45	1200
SMT-012-150VT	Aluminum(IP67)	AC100-130v	12	12.5	150	>0.7	227*78*48	1500
SMT-024-150VT	Aluminum(IP67)	AC170-265v	24	6.25	150	>0.7	227*78*48	1500
SMT-012-200VT	Aluminum(IP67)	AC100-130v	12	16.7	200	>0.7	227*78*48	1500
SMT-024-200VT	Aluminum(IP67)	AC170-265v	24	8.33	200	>0.7	227*78*48	1500





# Triac Dimmable Constant Current

## Triac Dimmable Constant Current LED Drivers

### 可控硅恒流电源

#### Features 特性

- High efficiency,high reliability,save energy protected environment,long life time
- Universal AC input : (90-135V/170-265V)
- Protections : Short circuit/Overload/Over voltage/Over temp
- Built-in active PFC function ; PF>0.90 for 86% of load or higher
- Designing standard : UL1310 Class 2 power unit
- Follow the global lighting safety regulations
- Passed high,low temperature and waterproof testing
- 100% full load burn-in test
- 3 years warranty
- CE,ETL/cETL,ROHS approval

- **产品优势** : 高效率,性能稳定,节能环保  
保护环境,寿命长
- **国际通用输入电压** : ( 90-135V/170-265V )
- **保护功能** : 短路/过载/过压、  
过温保护功能
- **PFC功能** : PFC>0.90 ( 带载>86% )
- **设计标准** : UL1310 Class2 电源配置  
遵循全球照明安全条例  
通过高低温和防水测试  
满载老化测试率 : 100%
- **质保期** : 3年
- **产品认证** : CE,ETL/cETL,ROHS认证

#### Application 适用范围

- Outdoor LED illuminating Lights
- LED Neon
- LED City Decoration
- LED Lighting Advertising
- LED Puck Light,Closet Light
- Commercial LED Lights Applications
- LED Floodlight,etc.

- 户内外LED照明灯光
- LED霓虹灯
- LED城市装饰灯
- LED广告灯箱
- LED筒灯,橱柜灯
- 商用LED照明工程
- LED泛光灯

Model 型号	Cover Material 外壳材质	Input Voltage 输入电压 ( Vac )	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( mA )	Output Power 输出功率 ( Watt )	PFC	Product Size 尺寸 ( mm )	N / W 净重 ( g )				
SMT-045-0320CT	Plastic(IP20)	AC100-130v AC170-265v	20-45V	320	14	>0.9	140*45*28	160				
SMT-032-0320CT			15-32V	320	10	>0.9						
SMT-018-0350CT			8-18V	350	6	>0.9						
SMT-030-0350CT			15-30V	350	10	>0.9						
SMT-035-0350CT			20-35V	350	12	>0.9						
SMT-020-0500CT			8-20V	500	10	>0.9						
SMT-015-0700CT			7-15V	700	10	>0.9						
SMT-050-0350CT	Plastic(IP20)	AC100-130v AC170-265v	35-50V	350	17.5	>0.9	140*45*28	160				
SMT-030-0500CT			15-30V	500	15	>0.9						
SMT-040-0500CT			20-40V	500	20	>0.9						
SMT-025-0700CT			10-25V	700	17.5	>0.9						
SMT-020-0900CT			10-20V	900	18	>0.9						
SMT-060-0350CT	Plastic(IP20)	AC100-130v AC170-265v	40-60V	350	21	>0.92	180*60*34	550				
SMT-080-0350CT			60-80V	350	28	>0.92						
SMT-090-0350CT			70-90V	350	31	>0.92						
SMT-060-0500CT			40-60V	500	30	>0.92						
SMT-048-0500CT			30-48V	500	24	>0.92						
SMT-070-0500CT			50-70V	500	35	>0.92						
SMT-045-0700CT			27-45V	700	31	>0.92						
SMT-030-0700VT			15-30V	700	21	>0.92						
SMT-036-0700CT			20-40V	700	25	>0.92						
SMT-050-0700CT			30-50V	700	35	>0.92						
SMT-036-0900CT			20-36V	900	32	>0.92						
SMT-024-1050CT			10-24V	1050	25	>0.92						
SMT-030-1050CT			15-30V	1050	32	>0.92						
SMT-090-0500CT			Plastic(IP20)	AC100-130v AC170-265v	60-90V	500			45	>0.92	180*60*34	550
SMT-080-0500CT					50-80V	500			40	>0.92		
SMT-065-0700CT	40-65V	700			45	>0.92						
SMT-050-0900CT	25-50V	900			45	>0.92						
SMT-045-1050CT	20-45V	1050			45	>0.92						
SMT-040-1200CT	30-40V	1200			45	>0.92						
SMT-032-1400CT	15-32V	1400			45	>0.92						
SMT-120-0350CT	Aluminum(IP67)	AC100-130v AC170-265v	90-120V	350	42	>0.92	200*68*45	1000				
SMT-120-0500CT			70-120V	500	60	>0.92						
SMT-086-0700CT			45-86V	700	60	>0.92						
SMT-070-0900CT			35-70V	900	63	>0.92						
SMT-060-1050CT			20-60V	1050	63	>0.92						
SMT-050-1200CT			30-50V	1200	60	>0.92						
SMT-043-1400CT			18-43V	1400	60	>0.92						
SMT-030-2000CT			15-30V	2000	60	>0.92						
SMT-025-2400CT			10-25V	2400	60	>0.92						
SMT-115-0700CT	Aluminum(IP67)	AC100-130v AC170-265v	80-115V	700	80	>0.92	200*68*45	1000				
SMT-090-0900CT			70-90V	900		>0.92						
SMT-080-1050CT			55-80V	1050		>0.92						
SMT-067-1200CT			40-67V	1200		>0.92						
SMT-058-1400CT			40-58V	1400		>0.92						
SMT-040-2000CT			25-40V	2000		>0.92						
SMT-034-2400CT			15-34V	2400		>0.92						



# 110~277VAC Triac Dimming

## 110~277VAC Triac Dimming Constant Voltage LED Drivers

### 超宽输入110~277VAC型可控硅调光恒压LED电源

### Features 特性

- High efficiency, high reliability, save energy, protected environment, long life time
- Universal AC input : 100-277V
- Protections : Short circuit/Overload/Over voltage/Over temp.
- Built-in active PFC function : PF>0.99 for 87% of load or higher
- Designing standard : UL 1310 UL 1012 power unit
- Follow the global lighting safety regulations
- Passed high, low temperature and waterproof testing.
- 100% full load burn-in test.
- 5 years warranty.
- UL/cUL, CE, ROHS approval

- 产品优势：**高效率，性能稳定，节能环保  
保护环境，寿命长
- 国际通用输入电压：**100-277V
- 保护功能：**短路/过载/过压/过温保护功能
- PFC功能：**PFC>0.99 (带载>87%)
- 设计标准：**UL 1310 UL 1012 标准电源配置
- 遵循全球照明安全条例**
- 通过高低温和防水测试**
- 满载老化测试率：**100%
- 质保期：**5年
- 产品认证：**UL/cUL, CE, ROHS approval

### Application 适用范围

- Indoor & outdoor LED illuminating lights.
- LED Neon,
- LED City Decoration
- LED Lighting Advertising,
- LED Display, Strips, Light bar
- Commercial LED Lighting,
- LED Panels

- 户内外LED照明灯光
- LED霓虹灯
- LED城市装饰灯
- LED广告灯带
- LED显示屏，灯带，灯条
- 商用LED照明
- LED面板灯

Model 型号	Cover Material 外壳材质	Input Voltage 输入电压 ( Vac )	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( Amp )	Output Power 输出功率 ( Watt )	PFC	Product Size 尺寸 ( mm )	N / W 净重 ( g )
SMT-012-030VTH	Aluminum(IP67)	AC100-277v	12	2.50	30	0.99	165*90*26	950
SMT-024-030VTH	Aluminum(IP67)	AC100-277v	24	1.25	30	0.99	165*90*26	950
SMT-012-060VTH	Aluminum(IP67)	AC100-277v	12	5.00	60	0.99	188*90*26	1000
SMT-024-060VTH	Aluminum(IP67)	AC100-277v	24	2.50	60	0.99	188*90*26	1000
SMT-012-100VTH	Aluminum(IP67)	AC100-277v	12	8.33	100	0.99	220*92.5*43	1300
SMT-024-100VTH	Aluminum(IP67)	AC100-277v	24	4.16	100	0.99	220*92.5*43	1300
SMT-012-120VTH	Aluminum(IP67)	AC100-277v	12	10.0	120	0.99	220*92.5*43	1300
SMT-024-120VTH	Aluminum(IP67)	AC100-277v	24	5.00	120	0.99	220*92.5*43	1300
SMT-012-150VTH	Aluminum(IP67)	AC100-277v	12	12.5	150	0.99	260*103*44.5	1800
SMT-024-150VTH	Aluminum(IP67)	AC100-277v	24	6.25	150	0.99	260*103*44.5	1800
SMT-012-200VTH	Aluminum(IP67)	AC100-277v	12	16.7	200	0.99	260*103*44.5	1800
SMT-024-200VTH	Aluminum(IP67)	AC100-277v	24	8.33	200	0.99	260*103*44.5	1800
SMT-012-250VTH	Aluminum(IP67)	AC100-277v	12	20.8	250	0.99	260*103*44.5	1800
SMT-024-250VTH	Aluminum(IP67)	AC100-277v	24	10.4	250	0.99	260*103*44.5	1800
SMT-012-300VTH	Aluminum(IP67)	AC100-277v	12	25.0	300	0.99	260*103*44.5	1800
SMT-024-300VTH	Aluminum(IP67)	AC100-277v	24	12.5	300	0.99	260*103*44.5	1800

## UL/cUL 277VAC Triac Dimmable LED Driver

- Input : 100 ~ 277 VAC
- 12V & 24 Vdc 30 Watt - 300 Watt
- 7 years warranty
- UL / cUL CE ROHS approval
- Class P/ Type HL, class 2 standard
- High Power factor (PF > 0.95) , High efficiency > 85%
- It can be paired with Junction Box

Model 型号	Cover Material 外壳材质	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( Amp )	Output Power 输出功率 ( Watt )	Product Size 尺寸 ( mm )	N / W 净重 ( g )
SMT-012-030VTHW	Plastic(IP20)	12	2.50	30	155*54*20	250
SMT-024-030VTHW	Plastic(IP20)	24	1.25	30	155*54*20	250
SMT-012-060VTHW	Plastic(IP20)	12	5.00	60	178*61*24	375
SMT-024-060VTHW	Plastic(IP20)	24	2.50	60	178*61*24	375
SMT-012-100VTHW	Aluminum(IP67)	12	8.33	100	230*70*46	1250
SMT-024-096VTHW	Aluminum(IP67)	24	4.00	96	230*70*46	1250
SMT-012-120VTHW	Aluminum(IP67)	12	10.0	120	230*70*46	1250
SMT-024-120VTHW	Aluminum(IP67)	24	5.00	120	230*70*46	1250
SMT-012-150VTHW	Aluminum(IP67)	12	12.5	150	256*78*47	1500
SMT-024-150VTHW	Aluminum(IP67)	24	6.25	150	256*78*47	1500
SMT-012-200VTHW	Aluminum(IP67)	12	17.7	200	256*78*47	1500
SMT-024-200VTHW	Aluminum(IP67)	24	8.33	200	256*78*47	1500
SMT-012-250VTHW	Aluminum(IP67)	12	20.8	250	276*78*47	1700
SMT-024-250VTHW	Aluminum (IP67)	24	10.4	250	276*78*47	1700
SMT-012-300VTHW	Aluminum(IP67)	12	25.0	300	276*78*47	1700
SMT-024-300VTHW	Aluminum (IP67)	24	12.5	300	276*78*47	1700



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## Super Slim Size Triac Dimmable LED Driver

- Input : 100 ~ 277 VAC
- 12V & 24 Vdc 30 Watt - 100 Watt
- 7 years warranty
- UL / cUL approval, Class P/ Type HL, class 2 standard
- High Power factor (PF>0.95) , High efficiency >85%
- Aluminum case/ waterproof ( IP67 )
- Plastic case/ non-waterproof ( IP20 )

Model 型号	Cover Material 外壳材质	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( Amp )	Output Power 输出功率 ( Watt )	Product Size 尺寸 ( mm )	N / W 净重 ( g )
SMT-012-030VTSW	Aluminum(IP67)	12	2.50	30	263*32*20	400
SMT-024-030VTSW	Aluminum(IP67)	24	1.25	30	263*32*20	400
SMT-012-030VTSP	Plastic(IP20)	12	2.50	30	261*30*19	300
SMT-024-030VTSP	Plastic(IP20)	24	1.25	30	261*30*19	300
SMT-012-036VTSW	Aluminum(IP67)	12	3.00	36	263*32*20	400
SMT-024-036VTSW	Aluminum(IP67)	24	1.50	36	263*32*20	400
SMT-012-036VTSP	Plastic(IP20)	12	3.00	36	261*30*19	300
SMT-024-036VTSP	Plastic(IP20)	24	1.50	36	261*30*19	300
SMT-012-060VTSW	Aluminum(IP67)	12	5.00	60	300*32*20	500
SMT-024-060VTSW	Aluminum(IP67)	24	2.50	60	300*32*20	500
SMT-012-060VTSP	Plastic(IP20)	12	5.00	60	300*30*19	400
SMT-024-060VTSP	Plastic(IP20)	24	2.50	60	300*30*19	400
SMT-012-100VTSW	Aluminum(IP67)	12	8.33	100	331*32*23	630
SMT-024-096VTSW	Aluminum(IP67)	24	4.00	96	331*32*23	630
SMT-012-100VTSP	Plastic(IP20)	12	8.33	100	331*30*22	500
SMT-024-096VTSP	Plastic(IP20)	24	4.00	96	331*30*22	500



Aluminum case



Plastic case

# Triac Dimmable LED Driver

## Triac Dimmable LED Driver

- Input : 100-135VAC
- 12V & 24 Vdc 12 Watt - 120 Watt
- 5 years warranty
- UL / cUL CE ROHS approval
- Class P/ Type HL, class 2 standard
- High Power factory ( PF>0.9 )
- Efficiency > 84%

Model 型号	Cover Material 外壳材质	Output Voltage 输出电压 ( VDC )	Output Current 输出电流 ( Amp )	Output Power 输出功率 ( Watt )	Product Size 尺寸 ( mm )	N / W 净重 ( g )
SMT-012-012VT	Plastic(IP20)	12	1.00	12	145*55*19.5	160
SMT-024-012VT	Plastic(IP20)	24	0.50	12	145*55*19.5	160
SMT-012-020VT	Plastic(IP20)	12	1.67	20	145*55*19.5	160
SMT-024-020VT	Plastic(IP20)	24	0.83	20	145*55*19.5	160
SMT-012-030VT	Plastic(IP20)	12	2.50	30	180*60*34	320
SMT-024-030VT	Plastic(IP20)	24	1.25	30	180*60*34	320
SMT-012-045VT	Plastic(IP20)	12	3.75	45	180*60*34	320
SMT-024-045VT	Plastic(IP20)	24	1.88	45	180*60*34	320
SMT-012-060VT	Aluminum(IP67)	12	5.00	60	200*68*45	1000
SMT-024-060VT	Aluminum(IP67)	24	2.50	60	200*68*45	1000
SMT-012-080VT	Aluminum(IP67)	12	6.67	80	200*68*45	1000
SMT-024-080VT	Aluminum(IP67)	24	3.33	80	200*68*45	1000
SMT-012-100VT	Aluminum(IP67)	12	8.33	100	230*68*45	1200
SMT-024-096VT	Aluminum(IP67)	24	4.00	96	230*68*45	1200
SMT-012-120VT	Aluminum(IP67)	12	10.0	120	230*68*45	1200
SMT-024-120VT	Aluminum(IP67)	24	5.00	120	230*68*45	1200



COMING SOON

# UL/cUL 277VAC Ultra Thin Non-dimmable LED Driver

## UL/cUL 277VAC Ultra Thin Non-dimmable LED Driver

- Input : 100 ~ 277 VAC
- Non-Dimmable
- 12V & 24 Vdc 30 Watt , 60 Watt , 96 Watt , 100 Watt
- 7 years warranty
- UL / cUL approval, Class P/ Type HL, class 2 standard
- high Power factor ( PF > 0.95 ) , High efficiency > 85%
- Aluminum case/ waterproof ( IP67 )
- Plastic case/ non-waterproof type ( IP20 )



# SMARTS POWER

Quanzhou Smarts Electronic & Technology Co.,Ltd

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