

⚡ Your Companion for  
**BRIGHT AND POWERFUL** Lights ⚡



## Smooth Power Pvt. Ltd

Office address:  
Plot No. A-2/77 Site-IV  
Sahibabad Industrial Area  
Ghaziabad- 201010 (U.P)  
Call: +91 8287262090  
Email: gurpreet@smoothpower.in  
sales@smoothpower.in



visit us: [www.smoothpower.co.in](http://www.smoothpower.co.in)



  
**SMOOTH POWER**  
— LED DRIVERS —



# About

Established in 2008, exploring various possibilities with LEDs. Engineering and manufacturing some very innovative LED Lights, the course of business changed rapidly from being a lighting company to an electronic solution provider company. By 2010, Smooth Power was totally into manufacturing of LED Drivers, specially High Power LED Drivers.

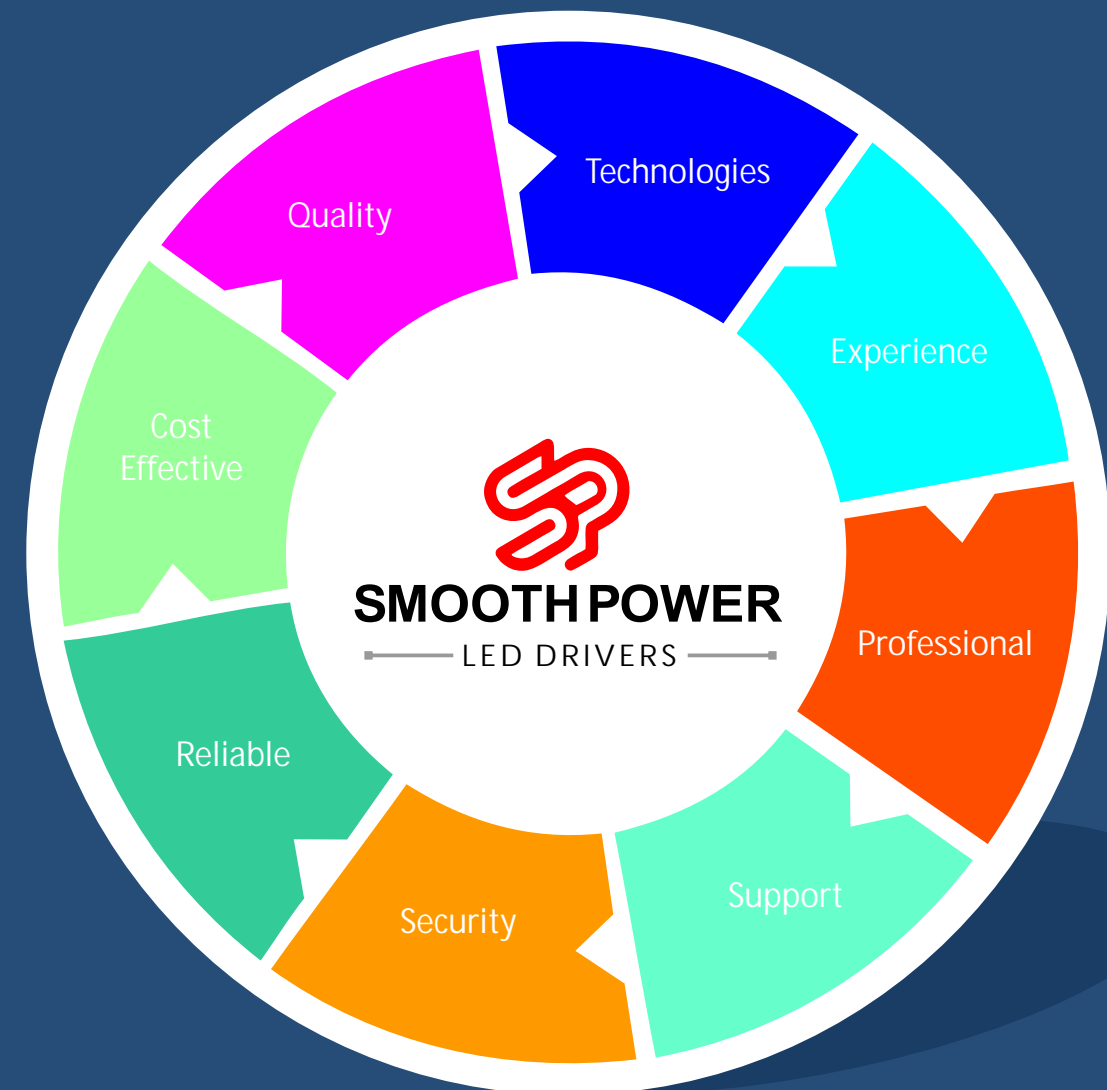
Within a short span of time, we created a long range of high quality LED Drivers. With every changing needs of LED lighting industry, we are coming up with new and robust LED Drivers everyday.

With our flexible production range , we can deliver high quality LED Drivers in a timely fashion . This adds to the core competence of our clients who continuously face delivery issues.

# Why Smoothpower?

Being in the business for over a Decade we have evolved with industries demands and came up with new products and solutions. We value customer needs and requirements for which our in house R&D team can develop products according to the customer's requirements whether it is a specific wattage requirement, size, Isolated or Non-Isolated drivers, High Power Factor or Low Power Factor we have or develop a product for you.

We have the production capacity to produce products in bulk and deliver them within scheduled time. Our goal and commitment to creating products that solves our customers needs pushes us to create and deliver them with the highest standards and quality.







# Labs & Testing

At Smooth Power we have a very extensive testing process that starts from the beginning of first prototype to final production ready product. Our labs and testing line are equipped with best testing equipments for producing and delivering the best quality products. Our Lab is equipped with AC Power source for accurate AC voltages, to power analyser for accurate parameter, AC with standing voltage for high pot testing, Surge Machine for Lighting surge tests, aging racks for long term testing and many more. Our in house testing and development makes us ideal for any customised specifications and requirements of yours.



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### Indoor LED Drivers

- Isolated HPF LED Drivers
- Isolated LPF LED Drivers
- Non-Isolated LPF LED Drivers
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### CV CC Strip Light Drivers

### Dimmable LED Drivers

### DOB LED Drivers

### CCT LED Drivers(TRI - Color)

- Isolated HPF
- Non - Isolated LPF
- Non - Isolated HPF

### DC-DC LED Driver

- Buck
- Boost

### Outdoor LED Driver

- Potted Drivers
- Open Frame Drivers

### Surge Protection Device



Indoor Isolated HPF LED Drivers

Indoor Isolated HPF LED Drivers

2214 UP to 9 Watts



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions Open Frame	43x25x18(LWH) mm	Maximum Voltage Sustainable	320VAC
Input range	120 to 320VAC	Surge test	2.5KV differential mode
Power factor	greater than .95	Other Protections	OVP, Short Circuit Protection
THD	less than 10%	Current accuracy	±2.5%
Efficiency	>85% at complete input range	Rating Available	9V@ 575mA, 36V@200mA

8414 UP to 9 Watts with 440VAC & 4KV



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	43x28x17(LWH) mm	THD	less than 10%
Input range	120 to 300VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	30V@300mA, 9V@575mA

6301 UP to 12 Watts



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	58x28x18(LWH) mm	THD	less than 10%
Input range	120 to 320VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	420VAC	Other Protections	OVP, Short Circuit Protection
Surge test	3KV in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	36V@300mA



## 6014 UP to 9 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current( $\pm 5\%$ )
- Excellent Heat management
- Excellent line and load regulation

### Technical Specification

Dimensions open frame	38x38x18 (LWH) mm	THD	less than 10%
Input range	120 to 320VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	320VAC	Other Protections	OVP, Short Circuit Protection
Surge test	2.5KV, in differential mode	Current accuracy	$\pm 2.5\%$
Power factor	greater than .95	Rating Available	9V@ 575mA, 27V@300mA

## 8301 UP to 12 Watts with 440VAC & 4KV



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current( $\pm 5\%$ )
- Excellent Heat management
- Excellent line and load regulation

### Technical Specification

Dimensions open frame	54x24x17(LWH) mm	THD	less than 10%
Input range	120 to 300VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	$\pm 2.5\%$
Power factor	greater than .95	Rating Available	42V@300mA

Indoor Isolated HPF LED Drivers

Indoor Isolated HPF LED Drivers

## 7501 UP to 12 Watts with 440VAC & 4KV



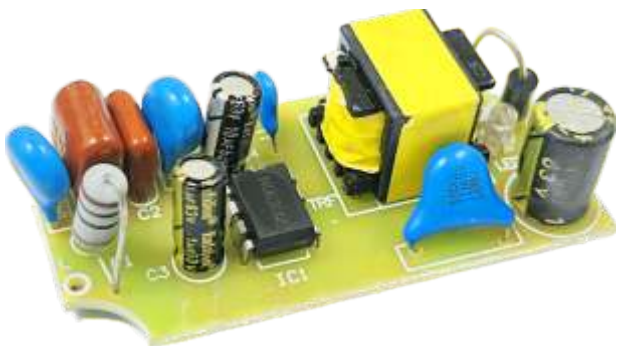
### Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current( $\pm 5\%$ )
- Excellent Heat management
- Excellent line and load regulation

### Technical Specification

Dimensions open frame	81x42x22(LWH) mm	THD	less than 10%
Input range	120 to 320VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, short circuit protection
Surge test	4KV, in differential mode	Current accuracy	$\pm 2.5\%$
Power factor	greater than .95	Rating Available	45V@300mA

## 6201 UP to 15 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current( $\pm 5\%$ )
- Excellent Heat management
- Excellent line and load regulation

### Technical Specification

Dimensions open frame	58x28x18(LWH) mm	THD	less than 10%
Input range	120 to 300VAC	Efficiency	>86% at complete input range
Maximum voltage sustainable	420VAC	Other Protections	OVP, short circuit protection
Surge test	3KV, in differential mode	Current accuracy	$\pm 2.5\%$
Power factor	greater than .95	Rating Available	45V@300mA

7601 UP to 15 Watts with 440VAC & 4KV



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	81x42x22(LWH) mm	THD	less than 10%
Input range	120 to 320VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, short circuit protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	45V@300mA

6101 UP to 15 Watts



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	45(Dia)x18(H) mm	THD	less than 10%
Input range	120 to 320VAC	Efficiency	>86% at complete input range
Maximum voltage sustainable	420VAC	Other Protections	OVP, short circuit protection
Surge test	3KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	45V@300mA

Indoor Isolated HPF LED Drivers

6001 UP to 24 Watts



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	66x26x21(LWH) mm	Efficiency	>86% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, short circuit protection
Maximum voltage sustainable	420VAC	Current accuracy	±2.5%
Surge test	3KV, in differential mode	Rating Available	36V@300mA, 36V@600mA,
Power factor	greater than .95		72V@300mA
THD	less than 10%		

8320 UP to 24 Watts with 440VAC & 4KV



Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

Technical Specification

Dimensions open frame	61x30x21(LWH) mm	THD	less than 10%
Input range	120 to 300VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, short circuit protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	45V@300mA, 36V@600mA,
			72V@300mA



# 615 UP to 30 Watts with 440VAC & 4KV



## Product Features

- Compact Design
- Ideal for Indoor Lights
- Makes Reliable and robust lights
- Highly accurate constant current(±5%)
- Excellent Heat management
- Excellent line and load regulation

## Technical Specification

Dimensions open frame	111x30x25(LWH) mm	THD	less than 10%
Input range	120 to 300VAC	Efficiency	>85% at complete input range
Maximum voltage sustainable	440VAC	Other Protections	OVP, short circuit protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .95	Rating Available	42V@300mA

Indoor Isolated HPF LED Drivers





Indoor Isolated LPF LED Drivers

Indoor Isolated LPF LED Drivers

4171 UP to 6 Watts



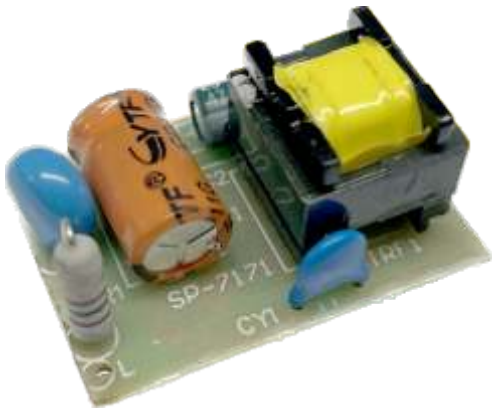
Product Features

- Flicker Free
- Ideal for Lower Wattage Usage
- Small and Compact Design
- Available in both open and cabinet

Technical Specification

Dimensions Open Frame	26x18x16(LWH) mm	Other Protections	OVP, Short Circuit Protection
Input range	120 to 300VAC	Current accuracy	±2.5%
Maximum Voltage Sustainable	320VAC	Rating Available	9V/100mA, 33V/150mA,
Surge test	2.5KV, in differential mode		18V/300mA,
			3V/500mA,3V/700mA

7171 UP to 9 Watts



Product Features

- Flicker Free
- Ideal for Lower Wattage Usage
- Small and Compact Design
- Available in both open and cabinet

Technical Specification

Dimensions open frame	32x23x15(LWH) mm	Other protections	OVP, Short Circuit Protection
Input range	120 to 280VAC	Current accuracy	±2.5%
Maximum voltage sustainable	320VAC	Rating available	18V/300mA, 3V-9V/700Ma,
Surge test	2.5KV, in differential mode		3V/1200mA

3032 UP to 9 Watts



Product Features

- Flicker Free
- Ideal for Lower Wattage Usage
- Small and Compact Design
- Available in both open and cabinet

Technical Specification

Dimensions open frame	38x25x18(LWH) mm	Other protections	OVP, Short Circuit Protection
Input range	120 to 280 VAC	Current accuracy	±2.5%
Maximum voltage sustainable	320VAC	Rating available	9V @ 525mA 21V@ 300mA,
Surge test	3KV, in differential mode		36V@150mA





## Indoor Non Isolated LPF LED Drivers

### 346 Non-Isolated LPF UP to 8 Watts



#### Product Features

- Flicker Free
- Ideal for Low Wattage Usage
- Small and Compact Design
- Ideal for Economical LED lights

#### Technical Specification

Dimensions Open Frame	29x20x13(LWH) mm	Efficiency	>85% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	360VAC	Rating Available	60V/120mA, 90V/90mA
Surge test	2.5 KV, in differential mode		

Indoor Non Isolated LPF LED Drivers

### SP-348 Non-Isolated LPF UP to 8 Watts



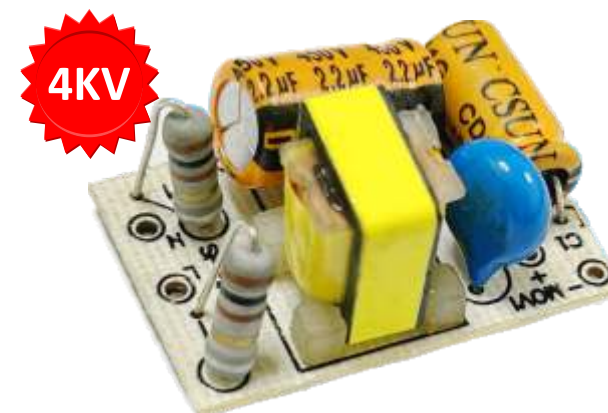
#### Product Features

- Flicker Free
- Ideal for High Wattage Usage
- Small and Compact Design
- Ideal for Economical LED lights

#### Technical Specification

Dimensions Open Frame	29x20x16(LWH) mm	Efficiency	>85% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	360VAC	Rating Available	45V/60mA , 72V/90mA,
Surge test	2.5 KV, in differential mode		90V/75mA, 60V/120mA

### SP-349 Non-Isolated LPF UP to 8 Watts



#### Product Features

- Flicker Free
- Ideal for High Wattage Usage
- Small and Compact Design
- Ideal for Economical LED lights

#### Technical Specification

Dimensions open frame	30x20x16(LWH) mm	Efficiency	>85% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, Short Circuit Protection
Maximum voltage sustainable	360VAC	Rating Available	45V/60mA , 72V/90mA,
Surge test	4 KV, in differential mode		90V/75mA, 60V/120mA



## SP-354 Non-Isolated LPF UP to 12 Watts



### Product Features

- Flicker Free
- Ideal for High Wattage Usage
- Small and Compact Design
- Ideal for Economical LED lights

### Technical Specification

Dimensions Open Frame	34x22x14(LWH) mm	Efficiency	>85% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	360VAC	Rating Available	72V/150mA
Surge test	2.5 KV, in differential mode		

## SP-4050 Non-Isolated LPF UP to 50 Watts



### Product Features

- Flicker Free
- Ideal for High Wattage Usage
- Small and Compact Design
- Ideal for Economical LED lights

### Technical Specification

Dimensions open frame	49x24x17(LWH) mm)	Efficiency	>85% at complete input range
Input range	120 to 320VAC	Other Protections	OVP, Short Circuit Protection
Maximum voltage sustainable	360VAC	Rating Available	150V/300mA
Surge test	3 KV, in differential mode		

Indoor Non Isolated LPF LED Drivers



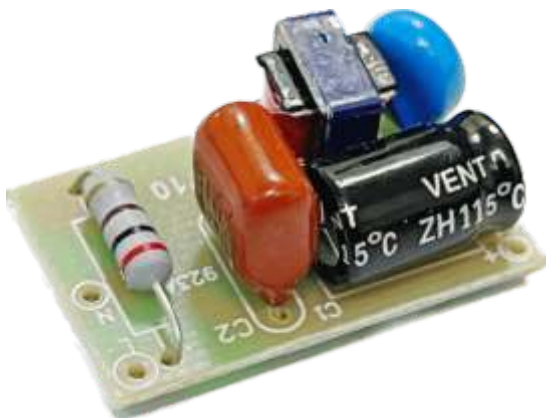




Indoor Non Isolated HPF LED Drivers

Indoor Non Isolated HPF LED Drivers

923 Non Isolated High PF UP to 9 Watts



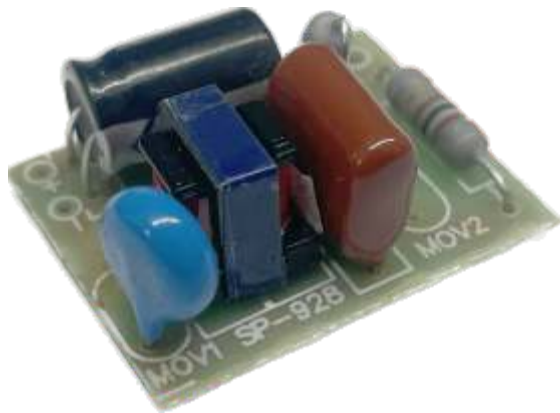
Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

Technical Specification

Dimensions open frame	30x20x13(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	45V@60mA, 60V@120mA, 90V@75mA, 90 @90mA

928 Non Isolated High PF UP to 9 Watts



Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

Technical Specification

Dimensions open frame	28x24x15 (LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	45V@60mA, 60V@120mA, 90V@75mA, 90 @90mA

925 Non Isolated High PF UP to 9 Watts



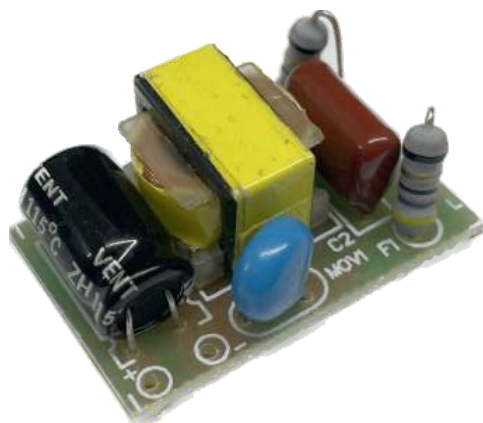
Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

Technical Specification

Dimensions open frame	30x20x16(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	60V@120mA, 90V@75mA, 90@90mA

## 929 Non Isolated High PF UP to 12 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

## 1654 Non Isolated High PF UP to 18 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

### Technical Specification

Dimensions open frame	32x23x14 (LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	90V/120mA

### Technical Specification

Dimensions Open Frame	28x25x14(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum Voltage Sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	72V/150mA, 72V/180mA, 60V/220mA,36V/280mA

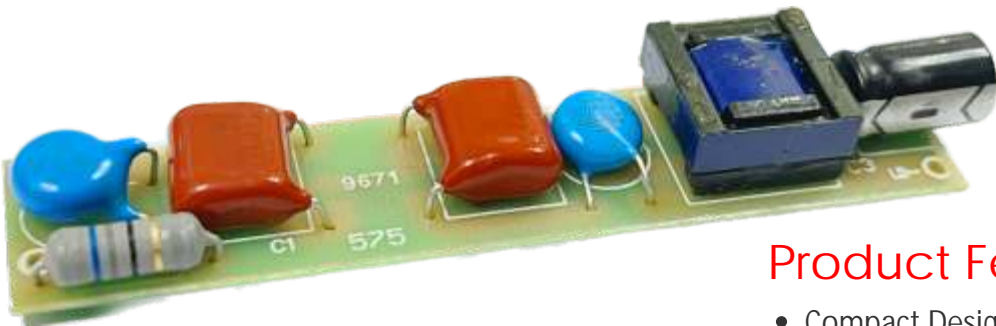
## 1554 Non Isolated High PF UP to 18 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

## 575 Non Isolated High PF UP to 18 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

### Technical Specification

Dimensions Open Frame	33x21x14(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum Voltage Sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	72V/150mA, 72V/180mA, 60V/220mA,36V/280mA

### Technical Specification

Dimensions open frame	83x17x12(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	80V/240mA



## 755 Non Isolated High PF UP to 22 Watts



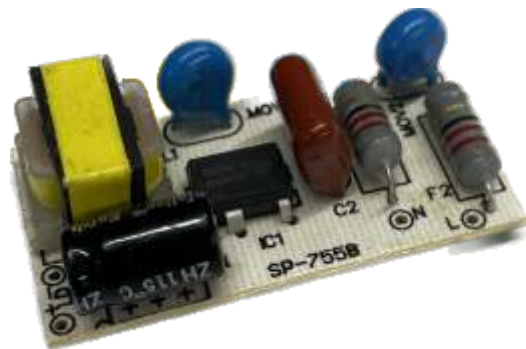
### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

### Technical Specification

Dimensions open frame	40x23x14(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum voltage sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	2.5KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	60V/300mA, 63V/220mA

## 755B Non Isolated High PF UP to 24 Watts



### Product Features

- Compact Design
- Ideal for Indoor Lights
- Higher Surge Capabilities upto 4KV
- High Voltage Sustainable upto 440V

### Technical Specification

Dimensions Open Frame	40x24x14(LWH) mm	THD	less than 25%
Input range	120 to 300VAC	Efficiency	>85% @220VAC
Maximum Voltage Sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	4KV, in differential mode	Current accuracy	±2.5%
Power factor	greater than .9	Ratings Available	72V/300mA





CV CC Strip Light Drivers

### CV CC Strip Light Drivers

#### SP-718 12V /1Amp (LPF Isolated Strip Light)



##### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

##### Technical Specification

Dimensions With Cabinet	74(L) x 27(W) x 24mm(H)	Output Current	1000mA±5%
Dimming	Non -Dimmable	No Load Voltage	12-13V DC
Operating range	130 to 290VAC	Surge test	2.5 Kv as per IEC 61000-4-5
Input Voltage range	220V-240V AC		(10 seconds per cycle)
Power factor	> 0.5	Maximum Voltage Sustainable	Provided 350VAC upto 4Hrs
Efficiency	>85%	Short Circuit Protection	Provided
Output Voltage Range	12V DC	Ingress (IP-20)	IP-20

#### SP-712 12V /1.5Amp (LPF Isolated Strip Light)



##### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

##### Technical Specification

Dimensions With Cabinet	81(L) x 42(W) x 22mm(H)	Operating range	130 to 290VAC
Dimming	Non -Dimmable	Input Voltage range	220V-240V AC
Operating range	> 0.5	Surge test	2.5Kv as per IEC 61000-4-5
Input Voltage range	>85%		(10 seconds per cycle)
Power factor	12V DC	Maximum Voltage Sustainable	Provided 350VAC upto 4Hrs
Efficiency	1500mA±5%	Short Circuit Protection	Provided
Output Voltage Range	12-13V DC	Ingress (IP-20)	IP-20

#### SP-715 12V /2.5Amp (LPF Isolated Strip Light)



##### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

##### Technical Specification

Dimensions With Cabinet	111(L) x 31(W) x 25mm(H)	Output Current	2500mA±5%
Dimming	Non -Dimmable	No Load Voltage	12-13V DC
Operating range	130 to 290VAC	Surge test	2.5 Kv as per IEC 61000-4-5
Input Voltage range	220V-240V AC		(10 seconds per cycle)
Power factor	> 0.5	Maximum Voltage Sustainable	Provided 350VAC upto 4Hrs
Efficiency	>85%	Short Circuit Protection	Provided
Output Voltage Range	12V DC	Ingress (IP-20)	IP-20



## SP-724 12V /3.5Amp (LPF Isolated Strip Light)



### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

### Technical Specification

Dimensions With Cabinet	166(L) x 31(W) x 26mm(H)	Output Current	3500mA±5%
Dimming	Non -Dimmable	No Load Voltage	12-13V DC
Operating range	130 to 290VAC	Surge test	2.5 Kv as per IEC 61000-4-5
Input Voltage range	220V-240V AC		(10 seconds per cycle)
Power factor	> 0.5	Maximum Voltage Sustainable	Provided 350VAC upto 4Hrs
Efficiency	>85%	Short Circuit Protection	Provided
Output Voltage Range	12V DC	Ingress (IP-20)	IP-20

## SP-729 12V /5Amp (LPF Isolated Strip Light)



### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

### Technical Specification

Dimensions With Cabinet	130(L) x 40(W) x 32mm(H)	Output Voltage Range	12V DC
Dimensions Open Frame	128(L) x 38(W) x 28mm(H)	Output Current	5000mA±5%
Dimming	Non -Dimmable	No Load Voltage	12-13V DC
Operating range	120 to 300VAC	Surge test (10 seconds per cycle)	2.5 KV as per IEC 61000-4-5
Input Voltage range	220V-240V AC	Maximum Voltage Sustainable	Provided 350VAC upto 4Hrs
Power factor	> 0.5	Short Circuit Protection	Provided
Efficiency	>85%	Ingress (IP-20)	IP-20

## SP-742 24V /1Amp (HPF Isolated Strip Light)



### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

### Technical Specification

Dimensions With Cabinet	111(L) x 31(W) x 25mm(H)	Output Voltage Range	24V DC
Dimming	Non -Dimmable	Output Current	1000mA±5%
Operating range	120 to 300VAC	No Load Voltage	24-25V DC
Input Voltage range	220V-240V AC	Surge test (10 seconds per cycle)	4 Kv as per IEC 61000-4-5
Power factor	> 0.95	Maximum Voltage Sustainable	Provided 440VAC upto 4Hrs
THD (current)	< 10%	Short Circuit Protection	Provided
Efficiency	>85%	Ingress (IP-20)	IP-20

## SP-741 24V /2Amp (HPF Isolated Strip Light)



### Product Features

- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercial spaces etc

### Technical Specification

Dimensions With Cabinet	130(L) x 40(W) x 32mm(H)	Dimming	Non -Dimmable
Dimensions Open Frame	128(L) x 38(W) x 28mm(H)	Operating range	120 to 300VAC
Input Voltage range	220V-240V AC	No Load Voltage	24-25V DC
Power factor	> 0.95	Surge test	4 Kv as per IEC 61000-4-5
THD (current)	< 10%		(10 seconds per cycle)
Efficiency	>85%	Maximum Voltage Sustainable	Provided 440VAC upto 4Hrs
Output Voltage Range	24V DC	Short Circuit Protection	Provided
Output Current	2000mA±5%	Ingress (IP-20)	IP-20



# SP-743 24V /4Amp (HPF Isolated Strip Light)



## Product Features

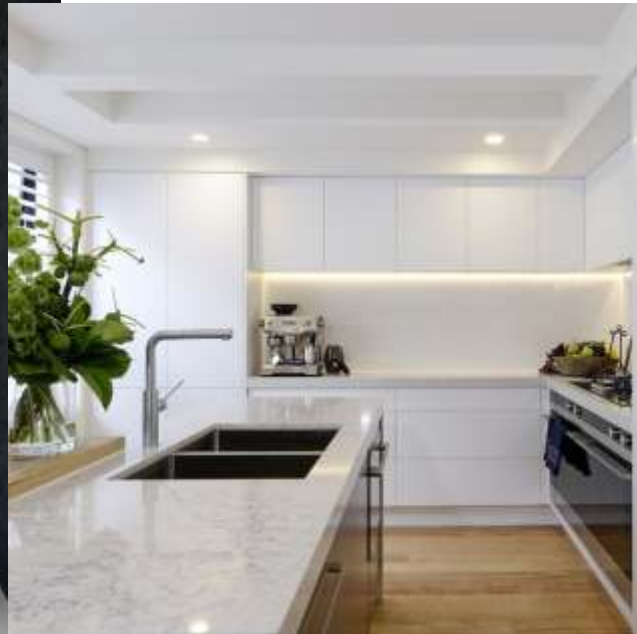
- Compact Design and easy Installation
- Constant Voltage and Current for consistent and stable performance
- Reliably and efficiently drive your LED Strip Lights
- Power & illuminate your homes, commercials spaces etc

## Technical Specification

Dimensions With Cabinet	150(L) x 40(W) x 32mm(H)	Output Voltage Range	24V DC
Dimensions Open Frame	150(L) x 38(W) x 28mm(H)	Output Current	4000mA±5%
Dimming	Non -Dimmable	No Load Voltage	24-25V DC
Operating range	120 to 300VAC	Surge test (10 seconds per cycle)	4 Kv as per IEC 61000-4-5
Input Voltage range	220V-240V AC	Maximum Voltage Sustainable	Provided 440VAC upto 4Hrs
Power factor	> 0.95	Short Circuit Protection	Provided
THD (current)	< 10%	Ingress (IP-20)	IP-20
Efficiency	>85%		



CV CC Strip Light Drivers







Dimmable LED Drivers

## 1023 UP to 24 Watts (Triac Dimmable)

### Product Features

- Compact Size
- Works with almost all Triac dimmers
- Great for lower wattage LED Lights
- Smooth & Flicker free Dimming



### Technical Specification

Dimension with cabinat:	90mm X 42mm X 26mm	THD:	less than20%
Wide input range:	150 to 300VAC	Efficiency:	>80%
High voltage cut:	@ 300VAC	Current accuracy:	±2.5%
High pot test:	3KV@ input & output	Rating available:	180mA, 300mA, 400mA, &
Power factor:	greater than .90		500mA

## 1725 UP to 45 Watts (1-10V Dimmable)

### Product Features

- Compact Size
- Works with almost all 1-10V dimmers
- Great for higher wattage LED Lights
- Smooth & Flicker free Dimming



### Technical Specification

Dimension with cabinat:	151mm X 42mm X 31mm	Power factor:	greater than .90
Wide input range:	120 to 300VAC	THD:	less than10%
High voltage cut:	@ 320VAC & Reconnect	Efficiency:	>80%
	@ 300VAC	Current accuracy:	±2.5%
Surge test:	4KV, in differential mode	Rating available:	600mA ,700mA, 800mA,
High pot test:	3.78KV @ Input & Output		900mA &1 Amp

## Dimmable LED Drivers

### 8223 UP to 15 Watts (Triac Dimmable)

### Product Features

- Compact Size
- Works with almost all Triac dimmers
- Great for lower wattage LED Lights
- Smooth & Flicker free Dimming



### Technical Specification

Dimension with cabinat:	111mm X 31mm X 25mm	Power factor:	greater than .90
Wide input range:	150 to 300VAC	THD:	less than20%
High voltage cut:	@ 300VAC	Efficiency:	>80%
Surge test:	2.5KV.in differntial mode	Current accuracy:	±2.5%
High pot test:	3KV@ input & output	Rating available:	150mA, 180mA & 300mA



## DOB LED Drivers

### SP-909A 12 Watts (Square)

#### Product Features

- Compact Size
- Works with almost all Triac dimmers
- Great for lower wattage LED Lights
- Smooth & Flicker free Dimming

#### Technical Specification

Dimension with cabinat:	115mm X 115mm	Surge factor	4 KV as per IEC 61000-4-5
Dimming:	Non-Dimmable	Maximum Voltage	Provided 440VAC
Input voltage range:	230V AC - 50Hz	Sustainable	
Rated input current:	0.058A	Working Temperature	-10° C ~ 40°C
Power factor:	> 0.9		

### SP-913 12 Watts (Round)

#### Product Features

- Compact Size
- Works with almost all Triac dimmers
- Great for lower wattage LED Lights
- Smooth & Flicker free Dimming

#### Technical Specification

Dimension with cabinat:	115mm (Diameter)	Surge factor	4 KV as per IEC 61000-4-5
Dimming:	Non-Dimmable	Maximum Voltage	Provided 440VAC
Input voltage range:	230V AC - 50Hz	Sustainable	
Rated input current:	0.058A	Working Temperature	-10° C ~ 40°C
Power factor:	> 0.9		

### SP-902 6 Watts (Round Concealed)

#### Product Features

- Compact Size
- Works with almost all Triac dimmers
- Great for lower wattage LED Lights
- Smooth & Flicker free Dimming

#### Technical Specification

Dimension with cabinat:	50mm (Diameter)	Surge factor	4 KV as per IEC 61000-4-5
Dimming:	Non-Dimmable	Maximum Voltage	Provided 440VAC
Input voltage range:	230V AC - 50Hz	Sustainable	
Rated input current:	0.028A	Working Temperature	-10° C ~ 40°C
Power factor:	> 0.9		





Tri-Color CCT LED Drivers

### Tri-Color CCT LED Drivers

#### SP-7701 12 Watts Isolated Tri-color (CCT) HPF LED Driver



##### Product Features

- Compact Design
- Ideal for Indoor Lights
- Convient installation & Changing
- Change with just ON/OFF Switch
- Cycle between 2 colours and a combination of both
- Help you change light temperature according to your mode

##### Technical Specification

Dimensions with cabinet	81x42x22(LWH) mm	Output Voltage Range	24V-42V DC
CCT	CCT(A-B-AB)	Output Current	300mA±5% upto 12W
Operating range	130 to 290VAC	No Load Voltage	100V DC
Input voltage range	220V-240V AC	Surge test	4Kv as per IEC 61000-4-5
Power factor	> 0.9		(10 seconds per cycle)
Efficiency	>85%	Maximum Voltage Sustainable	Provided 440VAC upto 4Hrs
THD	<10	Short Circuit Protection	Provided
		Ingress Protection	NOT APPLICABLE

#### SP-402 15 Watts Non-Isolated Tri-color (CCT) HPF LED Driver



##### Product Features

- Compact Design
- Ideal for Indoor Lights
- Convient installation & Changing
- Change with just ON/OFF Switch
- Cycle between 2 colours and a combination of both
- Help you change light temperature according to your mode

##### Technical Specification

Dimensions with cabinet	31x26x27(LWH) mm	Output current	250mA±5%upto 15W
CCT	CCT(A-B-AB)	No load voltage	100V DC
Operating range	130 to 290VAC	Surge test	4Kv as per IEC 61000-4-5
Input voltage range	220V-240V AC		(10 seconds per cycle)
Power factor	> 0.9	Maximum voltage sustainable	Provided 440VAC upto 4Hrs
Efficiency	>85%	Short circuit protection	Provided
Output voltage range	36V-72 DC	Ingress protection	NOT APPLICABLE

#### SP-501 24 Watts Non-Isolated Tri-color (CCT) HPF LED Driver



##### Product Features

- Compact Design
- Ideal for Indoor Lights
- Convient installation & Changing
- Change with just ON/OFF Switch
- Cycle between 2 colours and a combination of both
- Help you change light temperature according to your mode

##### Technical Specification

Dimensions with cabinet	48x23x17(LWH) mm	Operating range	130 to 290VAC
CCT	CCT(A-B-AB)	Input Voltage range	220V-240V AC
Power factor	> 0.9	Surge test	4Kv as per IEC 61000-4-5
Efficiency	>85%		(10 seconds per cycle)
Output Voltage Range	36V-72 DC	Maximum Voltage Sustainable	Provided 440VAC upto 4Hrs
Output Current	300mA±5% upto 24W	Short Circuit Protection	Provided
No Load Voltage	100V DC	Ingress Protection	NOT APPLICABLE



# SP-4052 50 Watts Non-Isolated Tri-color (CCT) LPF LED Driver



## Product Features

- Compact Design
- Ideal for Indoor Lights
- Convient installation & Changing
- Change with just ON/OFF Switch
- Cycle between 2 colours and a combination of both
- Help you change light temperature according to your mode

## Technical Specification

Dimensions with cabinet	59x24x17(LWH) mm	Output Current	300mA±5% upto 50W
CCT	CCT(A-B-AB)	No Load Voltage	200V DC
Operating range	130 to 290VAC	Surge test	3 Kv as per IEC 61000-4-5
Input voltage range	220V-240V AC		(10 seconds per cycle)
Power factor	> 0.9	Maximum Voltage Sustainable	Provided 360VAC upto 4Hrs
Efficiency	>85%	Short Circuit Protection	Provided
Output voltage range	60V-150 DC	Ingress Protection	NOT APPLICABLE

Tri-Color CCT LED Drivers







DC - DC LED Driver

## 1536 UP to 30 Watts (DC-DC Boost Converter)



### Product Features

- Compact Size with great efficiency
- Preferred for low AC and DC Voltage Applications
- For industrial 24v AC power lines
- Works with solar, batteries etc

### Technical Specification

Dimension with cabinat:	90mm X 43mm X 30mm	Protections:	Reverse Polarity Protection
Wide input range:	10V - 30VDC		Short Circuit Protection
Wide output range:	36V- 48VDC	Rating available:	350mA, 500mA, 700mA &
Efficiency:	>85%		900mA

## DC-DC LED Driver

### DCDC UP to 8 Watts (DC-DC Buck Converter)

#### Product Features

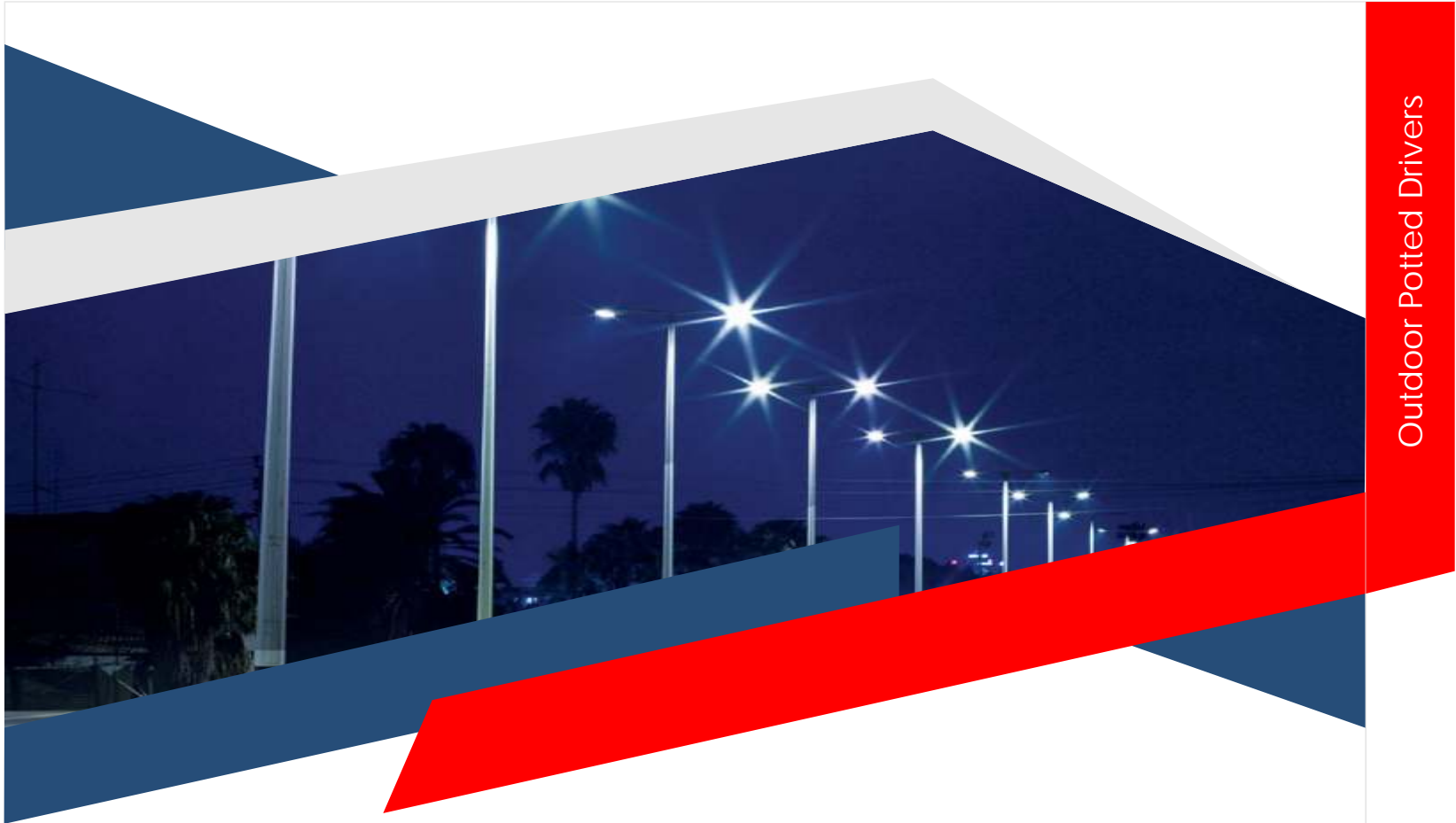
- Small and Compact Size
  - Preferred for low DC Voltage Applications
- Works with solar, batteries, Bulb etc



### Technical Specification

Dimensions Open Frame:	26mm X 20mm X 15mm	Protections	Reverse Polarity Protection
Wide input range:	10V – 40VDC		Short Circuit Protection
Wide output range:	8V – 36V	Rating available:	150mA, 300mA, 450mA,
Efficiency:	>85%		700mA & 900mA





Outdoor Potted Drivers

Outdoor Potted Drivers

7402 UP to 30 Watts Encapsulated with 4KV Surge



Product Features

- Comes with High and Low Voltage cutoff
- Made for extreme weather protection
- Better thermal management
- Robust and long lasting

Technical Specification

Dimension with cabinat:	94x38x26(LWH) mm	Power factor	greater than .95
Line voltage (AC Nominal):	220-240 ±10%	THD	less than 10%
Wide input range:	130VAC to 320VAC	Efficiency	>85 % @ 220VAC
High voltage cutoff:	@ 320VAC & Reconnect @ 310VAC	Envir. Protection Rating	IP 67
Maximum voltage sustainable:	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test:	4KV, in differential mode	Current accuracy	±2.5%
High-pot test:	3.78KV @ Input & Output	Rating Available	36V@700,60V@450mA

8502 UP to 40 Watts Encapsulated with 6KV Surge



Product Features

- Comes with High and Low Voltage cutoff
- Made for extreme weather protection
- Better thermal management
- Robust and long lasting

Technical Specification

Dimension with cabinat:	94x38x26(LWH) mm	Power factor	greater than .95
Line voltage (AC Nominal)	220-240 ±10%	THD	less than 10%
Wide input range	130VAC to 320VAC	Efficiency	>85 % @ 220VAC
High voltage cutoff	@ 320VAC, Reconnect @ 310VAC	Envir. Protection Rating	IP 67
Maximum Voltage Sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	6KV, in differential mode	Current accuracy	±2.5%
High-pot test	3.78KV @ Input & Output	Rating Available	40V@900mA, 60V@700mA

7277/7377 UP to 50 Watts Encapsulated with 6KV Surge



Product Features

- Made for extreme weather protection
- Better thermal management
- Robust and long lasting
- Comes with High and Low Voltage cutoff

Technical Specification

Dimension with cabinat:	94x38x26(LWH) mm	Current accuracy:	±2.5%
Line voltage (AC Nominal)	220-240 ±10%	Rating available:	150mA, 180mA & 300mA
Wide input range	130VAC to 320VAC	Efficiency	>85% @ 220VAC
High voltage cutoff	@ 320VAC & Reconnect @ 310VAC	Envir. Protection Rating	IP 67
Low voltage cutoff	@120VAC & Reconnect @ 130VAC	Other Protections	OVP, Short Circuit Protection
Power factor:	greater than .90	Current accuracy:	±2.5%
THD:	less than20%	Rating available:	30V1500mA, 36V1200mA,
Efficiency:	>80%		60V750mA



## 2906 UP to 50 Watts Encapsulated with 6KV Surge

### Product Features

- Better thermal management
- Robust and long lasting
- Made for extreme weather protection
- Comes with High and Low Voltage cutoff



### Technical Specification

Dimensions With Cabinets	100x38x31(LWH) mm	Wide input range	130VAC to 320VAC
Line voltage (AC Nominal)	220-240 ±10%	High voltage cutoff	@320VAC & Reconnect @ 310VAC
Low Voltage cutoff	@120VAC Reconnect @ 130VAC	Efficiency	>85% @ 220VAC
Maximum Voltage Sustainable	440VAC	Envir. Protection Rating	IP 67
Surge test	6KV, in differential mode	Other Protections	OVP, Short Circuit Protection
High-pot test	3.78KV @ Input & Output	Current accuracy:	±2.5%
Power factor	greater than .95	Rating available:	30V1500mA, 36V1200mA,
THD	less than 10%		60V750mA

## 2806 UP to 60 Watts Encapsulated with 6KV Surge



### Product Features

- Comes with High and Low Voltage cutoff
- Made for extreme weather protection
- Better thermal management
- Robust and long lasting

### Technical Specification

Dimensions With Cabinets	103mm(l) X 38mm(w) X 31mm(h)	Wide input range	100 to 320VAC
		High voltage cutoff	@ 320VAC & Reconnect
Line voltage (AC Nominal)	220-240 ±10%		
Low Voltage cutoff	@ 120VAC & Reconnect	THD	less than 10%
	@ 130VAC	Efficiency	>87% @ 220VAC
Line frequency	50 Hz	Envir. Protection Rating	IP 67
Maximum Voltage Sustainable	440VAC	Other Protections	OVP, Short Circuit Protection
Surge test	6KV, in differential mode	Current accuracy	±2.5%
High-pot test	3.78KV @ Input & Output	Rating Available	36V@1500mA, 60V@900mA,
Power factor	greater than .95		90V@600mA

## 3962 UP to 100 Watts Encapsulated with 6KV Surge

### Product Features

- Comes with High and Low Voltage cutoff
- Made for extreme weather protection
- Better thermal management
- Robust and long lasting



### Technical Specification

Dimensions with cabinets	111x52x38(LWH) mm	High-pot test	3.78KV @ Input & Output,
Line voltage (AC Nominal)	220-240 ±10%		1.5KV @ power & ground
Wide input range	130 to 320VAC	Power factor	greater than .95
High voltage cutoff	@ 320VAC Reconnect @ 310VAC	THD	less than 10%
Low Voltage cutoff	@ 120VAC Reconnect @ 130VAC	Efficiency	>85% @ 220VAC
Line frequency	50 Hz	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	440VAC	Current accuracy	±2.5%
Surge test	6KV, common & differential mode	Rating Available	36V/2500mA ,60V/1500mA





Outdoor Open Frame LED Drivers

Outdoor Open Frame LED Drivers

4120 UP to 30 Watts Open Frame



Product Features

- Reliable Designs for long lasting usage
- Ideal for High Wattage Usage
- Better thermal management
- Comes with High and Low Voltage cutoff

Technical Specification

Dimensions with cabinets	90mm(l) X 40mm(w) X mm(h)	High-pot test	3.78KV @ Input & Output
Line voltage (AC Nominal)	220-240 ±10%	Power factor	greater than .95
Wide input range	130 to 320VAC	THD	less than 10%
High voltage cutoff	@ 320VAC & Reconnect @ 310VAC	Efficiency	>85% @ 220VAC
Low Voltage cutoff	@ 120VAC & Reconnect @ 130VAC	Other Protections	OVP, Short Circuit Protection
Line frequency	50 Hz	Current accuracy	±2.5%
Maximum voltage sustainable	440VAC	Rating Available	36V@600mA, 60@450mA
Surge test	4KV, in differential mode		

4964 UP to 50 Watts Open Frame



Product Features

- Reliable Designs for long lasting usage
- Ideal for High Wattage Usage
- Better thermal management
- Comes with High and Low Voltage cutoff

Technical Specification

Dimensions with cabinets	86x53x30(LWH) mm	Wide input range	130 to 320VAC
Line voltage (AC Nominal)	220-240 ±10%	High voltage cutoff	@ 320VAC & Reconnect
Low voltage cutoff	@ 120VAC Reconnect @ 130VAC		@ 310VAC
Line frequency	50 Hz	THD	less than 10%
Maximum voltage sustainable	440VAC	Efficiency	>85% @ 220VAC
Surge test	4KV, common & differential mode	Other protections	OVP, Short Circuit Protection
High-pot test	3.78KV @ Input & Output, 1.5KV @ power & ground	Current accuracy	±2.5%
		Rating available	36V/1100mA ,48V/820mA, 60V/750mA

5503 UP to 60 Watts Open Frame



Product Features

- Reliable Designs for long lasting usage
- Ideal for High Wattage Usage
- Better thermal management
- Comes with High and Low Voltage cutoff

Technical Specification

Dimensions With Cabinets	125x40x42(LWH) mm	High-pot test	3.78KV @ Input & Output, 1.5KV @ power & ground
Line voltage (AC Nominal)	220-240 ±10%		
Wide input range	130 to 320VAC	Power factor	greater than .95
High voltage cutoff	@320VAC Reconnect @ 310VAC	THD	less than 10%
Low Voltage cutoff	@120VAC Reconnect @ 130VAC	Efficiency	>85% @ 220VAC
Line frequency	50 Hz	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	440VAC	Current accuracy	±2.5%
Surge test	6KV,common & differential mode	Rating Available	60V@900mA 36V@1500mA



# 2961 UP to 100 Watts Open Frame



## Product Features

- Reliable Designs for long lasting usage
- Ideal for High Wattage Usage
- Better thermal management
- Comes with High and Low Voltage cutoff

## Technical Specification

Dimensions With Cabinets	119x69x40(LWH) mm	High-pot test	3.78KV @ Input & Output,
Line voltage (AC Nominal)	220-240 ±10%		1.5KV @ power & ground
Wide input range	100 to 320VAC	Power factor	greater than .95
High voltage cutoff	@ 320VAC Reconnect @ 310VAC	THD	less than 10%
Low Voltage cutoff	@ 120VAC Reconnect @ 130VAC	Efficiency	>87% @ 220VAC
Line frequency	50 Hz	Other Protections	OVP, Short Circuit Protection
Maximum Voltage Sustainable	440VAC	Current accuracy	±2.5%
Surge test	6KV, common and differential mode	Rating Available	36V/2300mA,60V/1200mA, 60V/1500mA

Outdoor Open Frame LED Drivers







Surge Protection Device

Surge Protection Device

1545 -10KV (Ultra MOV encapsulated)



Product Features

- Protect your Lights & Devices from Lighting Surges
- Protection Upto 10KV/10KA
- Plastic Moulded with Small Size
- Suitable for Outdoor Applications

Technical Specification

Dimension with cabinat:	24mm X 23.5mm X 20mm	Surge test:	10KV, in common and
Wide input range:	100 to 320VAC		differential mode
Maximum Voltage Sustainable:	500VAC		

1448-10KV/20KV (TMOV encapsulated and Indicator)

Product Features

- Protect your Lights & Devices from Lighting Surges
- Available in both 10KV/10KA & 20KV/10KA
- Potted SPD with Small Size
- Suitable for Outdoor Applications



Technical Specification

Dimension with cabinat:	56mm X 28mm X 37mm	Surge test:	10KV /20KV, in common
Wide input range:	100 to 320VAC		and differential mode
Maximum Voltage Sustainable:	500VAC		

1145/1245-10KV/10KA  
(SPD with High and Low Voltage Cut Off encapsulated)

Product Features

- Protect your Lights & Devices from Lighting Surges
- High Voltage & Low Voltage Cutoff
- Available in both 10KV/10KA
- Potted SPD with Small Size
- Suitable for Outdoor Applications



Technical Specification

Dimension with cabinat:	95mm X 39mm X 26mm		@ 130VAC
Wide input range:	130 to 290VAC	Maximum Voltage Sustainable	500VAC
High voltage cutoff:	@ 320VAC & Reconnect	Surge test:	10KV, in common and
	@ 290VAC		differential mode
Low Voltage cutoff:	@ 110VAC & Reconnect		