



LED DRIVER CATALOGUE

2026 - 1



MADE IN INDIA

W.E.F.: 01-04-2026

About Us

At Black Parasmani, we don't just make LED drivers - we make sure every light works reliably.

In the lighting industry, people often have to choose between expensive products and low-quality options. We aim to solve this problem by providing LED drivers that are both reliable and affordable.

With strong experience and technical knowledge, we design products that perform well in real-world conditions. Our drivers are built to give stable output, longer life and consistent performance.

Black Parasmani is a trusted partner for lighting manufacturers, helping them create better and more dependable lighting solutions.

Our Vision

To narrow the gap between inferior imported drivers and superior Indian alternatives by offering reliable, budget -friendly solutions by leveraging our wealth of expertise.



Our Mission

Amplifying our daily production capacity from 25,000 to an electrifying 100,000 drivers per day!



Our USP

1. Crafting indigenous, supremely reliable designs with 37 years of technical expertise.
2. Engineered and constructed to excel in India's challenging power conditions.
3. Delivering value for money through our efficient mass production setup.
4. Utilizing state-of-the-art high-speed machines and production lines.
5. Fueled by a proficient power electronics team with years of industry knowledge.
6. Equipped with an in-house laboratory to meticulously test all necessary driver parameters, including a 10KV surge tester.



Why Choose Black Parasmani?



Stable
Output Performance



Long Life
Drivers



Tested for
Indian Conditions



Cost-Effective
Solutions



Strong
Technical Support



Consistent
Quality



Wide
Product Range



OEM & Customization
Support

Engineered for performance. Built for trust.

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Constant Current Non-Isolated LPF Driver



Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)
BDRV0005	2-4W	30-60V	60mA	1.5KV	29×21×15
BDRV0010	4-6W	60-90V	60mA	1.5KV	29×21×15
BDRV0015	3-6W	30-60V	90mA	1.5KV	29×21×15
BDRV0020	6-9W	60-90V	90mA	1.5KV	29×21×15
BDRV0025	4-8W	30-60V	120mA	1.5KV	29×21×15
BDRV0030	8-12W	60-90V	120mA	1.5KV	29×21×15

Constant Current Non-Isolated LPF Driver (3 Step Populated PCB)

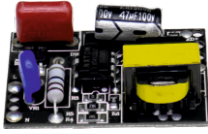


Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)
B3DRV0005	2-4W	30-60V	60mA	1.5KV	29×21×15
B3DRV0010	4-6W	60-90V	60mA	1.5KV	29×21×15
B3DRV0015	3-6W	30-60V	90mA	1.5KV	29×21×15
B3DRV0020	6-9W	60-90V	90mA	1.5KV	29×21×15
B3DRV0025	4-8W	30-60V	120mA	1.5KV	29×21×15
B3DRV0030	8-12W	60-90V	120mA	1.5KV	29×21×15

Constant Current Non-Isolated HPF Driver

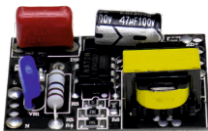


Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BDRV0040	8-12W	24-40V	280mA	2KV	40×27×12	46×34×17
BDRV0050	8-12W	30-50V	220mA	2KV	40×27×12	46×34×17
BDRV0060	12-20W	36-65V	280mA	2KV	40×27×12	46×34×17
BDRV0070	12-20W	40-72V	220mA	2KV	40×27×12	46×34×17
BDRV0080	22-24W	54-72V	280mA	2KV	40×27×12	46×34×17

Constant Current Non-Isolated HPF Driver (3 Step Populated PCB)



Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
B3DRV0040	8-12W	24-40V	280mA	2KV	40×27×12	46×34×17
B3DRV0050	8-12W	30-50V	220mA	2KV	40×27×12	46×34×17
B3DRV0060	12-20W	36-65V	280mA	2KV	40×27×12	46×34×17
B3DRV0070	12-20W	40-72V	220mA	2KV	40×27×12	46×34×17
B3DRV0080	22-24W	54-72V	280mA	2KV	40×27×12	46×34×17

Constant Current Non-Isolated T5 Driver



Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95

T5 Drivers Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BDRV0600-T5	6W	36V	150mA	2KV	80×16×13	-
BDRV0610-T5	10W	36V	280mA	2KV	80×16×13	-
BDRV0620-T5	18W	72V	240mA	2KV	80×16×13	-
BDRV0630-T5	20W	72V	240mA	2KV	80×16×13	-
BDRV0640-T5	22W	72V	280mA	2KV	80×16×13	-

Constant Current DIP Switch Indoor driver

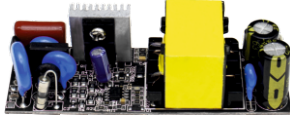


Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	Driver Box Dim. (L×W×H) (mm)
BDRV0755	6-12W	24-40V	150mA	2.5KV	70×33×23
			200mA		
			250mA		
			300mA		
BDRV0760	15-24W	30-40V	300mA	2.5KV	86×38×24
			400mA		
			500mA		
			600mA		
BDRV0765	30-40W	30-40V	700mA	2.5KV	102×38×24
			800mA		
			900mA		
			1000mA		

Constant Current Isolated HPF Indoor Driver

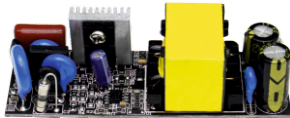


Features

- Under Voltage Protection
- 320VAC Protection
- Suitable for Dry Location
- Output Overload Protections
- Output Short Circuit Protections
- Output Open Circuit Protections
- Power Factor ≥ 0.95
- THD Less Than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BDRV0120	4-7W	10-24V	300mA	2KV	48×21×17	55×28×20
BDRV0130	8-12W	24-40V	300mA	2KV	48×21×16	55×28×20
BDRV0160	12-18W	36-60V	300mA	2KV	65×27×17	71×33×22
BDRV0200	18-24W	54-80V	300mA	2.5KV	73×32×18	83×42×25
BDRV0210	24-30W	72-100V	300mA	2.5KV	73×32×18	83×42×25
BDRV0140	8W	30-40V	200mA	2KV	48×21×16	55×28×20
BDRV0150	10W	30-40V	240mA	2KV	48×21×16	55×28×20
BDRV0570	12W	9-18V	700mA	2KV	65×27×17	71×33×22
BDRV0170	15W	30-40V	350mA	2KV	65×27×17	71×33×22
BDRV0180	18W	30-40V	450mA	2KV	65×27×17	71×33×22
BDRV0190	20W	30-40V	500mA	2KV	65×27×17	71×33×22
BDRV0220	24W	30-40V	600mA	2.5KV	73×32×18	83×42×25
BDRV0230	30W	30-40V	700mA	2.5KV	73×32×18	83×42×25
BDRV0240	36W	30-40V	900mA	2.5KV	81×35×25	127×48×31
BDRV0250	40W	30-40V	1000mA	2.5KV	81×35×25	127×48×31
BDRV0260	45W	30-40V	1200mA	2.5KV	90×31×23	127×48×31
BDRV0270	50W	30-40V	1400mA	2.5KV	90×31×23	127×48×31

Constant Current Isolated HPF Indoor Driver (3 Step Populated PCB)



Features

- Under Voltage Protection
- 320VAC Protection
- Suitable for Dry Location
- Output Overload Protections
- Output Short Circuit Protections
- Output Open Circuit Protections
- Power Factor ≥ 0.95
- THD Less Than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
B3DRV0130	8-12W	24-40V	300mA	2KV	48×21×16	55×28×20
B3DRV0160	12-18W	36-60V	300mA	2KV	65×27×17	71×33×22
B3DRV0200	18-20W	54-80V	300mA	2KV	73×32×18	83×42×25
B3DRV0140	8W	30-40V	200mA	2KV	48×21×16	55×28×20
B3DRV0150	10W	30-40V	240mA	2KV	48×21×16	55×28×20

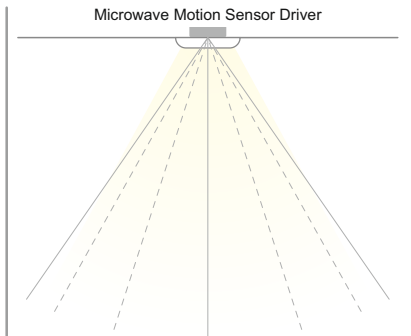
Microwave Motion Sensor Dimmable Indoor LED Driver



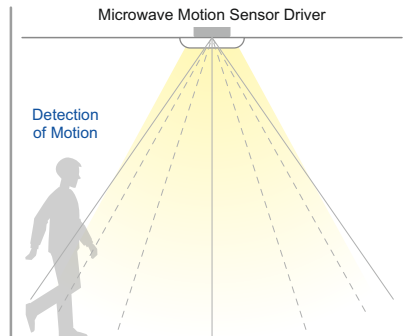
Features

- Under Voltage Protection
- 320VAC Protection
- Suitable for Dry Location
- Output Overload Protections
- Output Short Circuit Protections
- Output Open Circuit Protections
- Power Factor ≥ 0.95
- 100% bright during motion and automatically dims to 20% after 30 seconds of inactivity
- Delay time: 30 seconds

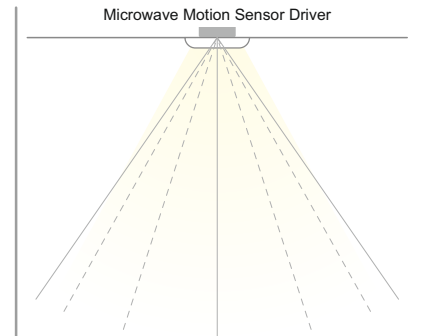
Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
B-SNR-D01	12W	30-40V	300mA	2KV	75×32×20	83×42×25
B-SNR-D05	12-18W	36-60V	300mA	2KV	75×32×20	83×42×25
B-SNR-D10	15W	30-40V	350mA	2KV	75×32×20	83×42×25
B-SNR-D11	18W	30-40V	450mA	2KV	75×32×20	83×42×25
B-SNR-D12	20W	30-40V	500mA	2KV	75×32×20	83×42×25



- Light stays at 20% brightness when no movement is detected.
- Helps save energy during idle time.

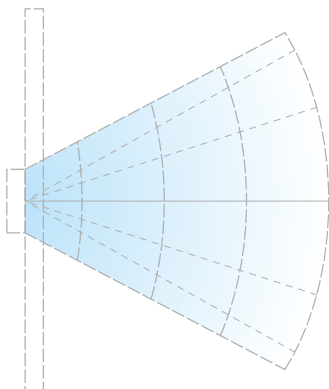


- Light instantly switches to 100% brightness on motion.
- Ensures full visibility when needed.



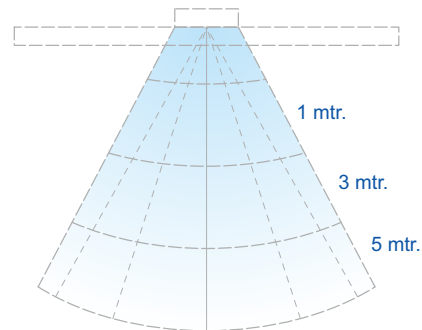
- After 30 seconds of no movement, light dims back to 20%.
- Automatically returns to energy-saving mode.

Side Mounting Arrangement



Detection Angle: 120°

Ceiling Mounting Arrangement



Detection Angle: 120°

Indoor Inverter Driver with PCB

NEW



Features

- Automatic emergency backup
- Under voltage protection
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- 2200mAH battery
- Automatic Charging & Smart Battery Management
- Step Dimming Control (100%/ 50%/ 25%)

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
B-INV-D100	12W	30-40V	300mA	2KV	-	83×42×25
B-INV-D110	15W	36-45V	300mA	2KV	-	83×42×25

Power Backup Performance:

- 100% Brightness - 1 hour
- 50% Brightness - 2 hour
- 25% Brightness - 4 hour

Note:

- Default starts at 100%, quick switching reduces brightness to 50% and 25% for longer backup.
- Backup duration may vary based on inverter capacity, battery condition and connected load.

Constant Current Isolated HPF Outdoor Driver (Populated PCB & Potted)

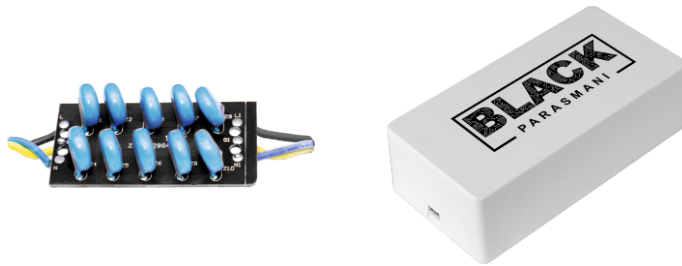


Features

- Under voltage protection
- 415VAC protection
- Suitable for dry, damp and wet locations
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Input over voltage cut-off
- Power factor ≥ 0.95
- THD less than 15%
- IP67 (Potted)

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)	Potted Body Dim. (L×W×H) (mm)
BDRV0430C	18W	30-40V	450mA	3KV	65×27×17	71×33×22	92×30×22
BDRV0440C	24W	30-40V	600mA	4KV	73×30×18	83×42×25	106×36×24
BDRV0450C	30W	30-40V	700mA	4.5KV	73×30×18	83×42×25	106×36×24
BDRV0460C	36W	30-40V	900mA	4.5KV	81×35×25	127×48×31	111×36×29
BDRV0470C	40W	30-40V	1000mA	6KV	81×35×25	127×48×31	111×36×29
BDRV0480C	40W	45-60V	700mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0490C	45W	30-40V	1200mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0500C	45W	45-60V	750mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0510C	50W	30-40V	1400mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0520C	50W	45-60V	850mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0530C	50W	50-72V	700mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0540C	60W	30-40V	1500mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0550C	60W	45-60V	1050mA	6KV	90×31×23	127×48×31	116×40×32
BDRV0580C	72W	45-60V	1200mA	6KV	90×31×23	127×48×32	116×40×32
BDRV0581C	75W	30-45V	1400mA	6KV	90×31×24	127×48×33	116×40×32
BDRV0582C	75W	80-100V	700mA	6KV	90×31×23	127×48×31	116×40×32

SPD (Surge Protection Device)



Features

- Low maintenance effort
- Suitable for luminaries of protection class I / II
- Securing uptime of your outdoor lighting installation from over voltage pulses

Model	Output Voltage (V)	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BSPD0010	5KV	35×20×17	71×33×22
BSPD0020	10KV	48×25×17	71×33×22

SPD (Surge Protection Device) - Potted



Features

- Low maintenance effort
- Suitable for luminaries of protection class I / II
- Securing uptime of your outdoor lighting installation from over voltage pulses
- IP67

Model	Output Voltage (V)	PCB Dim. (L×W×H) (mm)	Potted Body Dim. (L×W×H) (mm)
BSPD0010C	5KV	35×20×17	71×33×22
BSPD0020C	10KV	48×25×17	71×33×22

Constant Current Magnetic Track Driver - DC



Features

- Input voltage 48VDC
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	PCB Dim. (L×W×H) (mm)
BDRV0360	12W	30-40V	300mA	61×18×12
BDRV0370	20W	30-40V	500mA	61×18×12
BDRV0410	24W	24-40V	600mA	61×18×12
BDRV0380	30W	30-40V	700mA	61×18×12
BDRV0400	12W	9-18V	700mA	61×18×12
BDRV0390	12-18W	24-48V	300mA	61×18×12
BDRV0421	15W	30-40V	350mA	61×18×12
BDRV0422	18W	30-40V	450mA	61×18×12

Titanium Series CV - CC SMPS



Features

- Output short circuit protections
- Output overload protections
- Output open circuit protections
- 300VAC protection
- Aluminium enclosure

Model	Wattage	Output Voltage (V)	Output Current (I)	Driver Box Dim. (L×W×H) (mm)
BSMP0140	24W	12V	2A	188×18×18
BSMP0150	36W	12V	3A	291×18×18
BSMP0160	60W	12V	5A	291×18×18

Platinum Series CV - CC SMPS

NEW



100%
EFFICIENCY

Features

- Output short circuit protections
- Output overload protections
- Output open circuit protections
- 300VAC protection
- Aluminium extrusion enclosure

Model	Wattage	Output Voltage (V)	Output Current (I)	Driver Box Dim. (L×W×H) (mm)
BSMP0010	24W	12V	2A	83×42×25
BSMP0020	36W	12V	3A	100×43×31
BSMP0030	60W	12V	5A	170×39×29
BSMP0040	80W	12V	6.5A	170×39×29
BSMP0060	100W	12V	8.5A	197×45×32
BSMP0070	120W	12V	10A	197×45×32
BSMP0090	150W	12V	12.5A	197×45×40
BSMP0100	200W	12V	16.5A	240×67×45
BSMP0110	240W	12V	20A	240×67×45
BSMP0050	60W	24V	2.5A	170×39×29
BSMP0170	100W	24V	4A	197×45×32
BSMP0080	120W	24V	5A	197×45×32
BSMP0120	180W	24V	7.5A	240×67×45
BSMP0130	240W	24V	10A	240×67×45



SMPS Comparison



Designed, Developed & Manufactured in India for Indian Conditions

Others

(Imported or assembled in India)



More Than **95%** Efficiency

VS



Less Than **49%** Efficiency

Performance Comparison Table

After	BLACK	Others	BLACK	Others	BLACK	Others
	5A	5A	10A	10A	20A	33A
0 Hour	5A	4A	9.98A	8.6A	20A	18A
1 Hour	4.95A	3.25A	9.70A	6A	19.50A	16A
2 Hours	4.85A	3.10A	9.62A	5.20A	19.30A	12.90A
3 Hours	4.80A	2.80A	9.41A	5.10A	18.98A	12.20A
4 Hours	4.75A	2.45A	9.50A	4.90A	18.98A	12.20A
Efficiency After 4 Hours	95%	49%	95%	49%	37%	37%

Constant Current Isolated Indoor Smart Driver



Features

- Under voltage protection
- 320VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Dimming up-to 1%
- CCT tunable

Model	Wattage	Output Voltage (V)	Output Current (I)	BLE Mesh / Wi-Fi / Zigbee	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BTWP01-1015W	8-12W	24-40V	300mA	Yes	2KV	76×32×18	83×42×25
BTWC01-8W	8W	30-40V	200mA	Yes	2KV	76×32×18	83×42×25
BTWC01-10W	10W	30-40V	240mA	Yes	2KV	76×32×18	83×42×25
BTWP01-1218W	12-18W	36-60V	300mA	Yes	2KV	76×32×18	83×42×25
BTWC01-15W	15W	30-40V	350mA	Yes	2KV	76×32×18	83×42×25
BTWC01-18W	18W	30-40V	450mA	Yes	2KV	76×32×18	83×42×25
BTWC01-20W	20W	30-40V	500mA	Yes	2KV	76×32×18	83×42×25
BTWP01-18-24W	18-24W	54-80V	300mA	Yes	2KV	103×41×22	127×48×31
BTWC01-24W	24W	30-40V	600mA	Yes	2KV	103×41×22	127×48×31
BTWP01-2430W	24-30W	72-100V	300mA	Yes	2.5KV	103×41×22	127×48×31
BTWC01-30W	30W	30-40V	700mA	Yes	2.5KV	103×41×22	127×48×31
BTWC01-36W	36W	30-40V	900mA	Yes	2.5KV	103×41×22	127×48×31
BTWC01-40W	40W	30-40V	1000mA	Yes	2.5KV	103×41×22	127×48×31



Bright & Dim.



Bright & Dim. + Warm & Cool




Constant Current LED Strip Controller



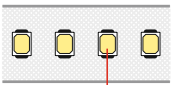
Features

- Suitable for dry location
- Output short circuit protections
- Output open circuit protections
- Dimming up-to 1%
- CCT tunable


Model	Wattage	Output Voltage (V)	Output Current (I)	Category	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BSC12DW-50W	50W	12V	4A	Bright & Dim.	50×33×20	58×37×22
BSC12DW-100W	100W	12V	8A		50×33×20	58×37×22
BSC24DW-50W	50W	24V	2A		76×35×21	83×42×25
BSC24DW-100W	100W	24V	4A		76×35×21	83×42×25
BSC12TW-50W	50W	12V	4A	Bright & Dim. + Warm & Cool	40×33×21	58×37×22
BSC12TW-100W	100W	12V	8A		40×33×21	58×37×22
BSC24TW-50W	50W	24V	2A		40×33×22	58×37×23
BSC24TW-100W	100W	24V	4A		40×33×21	58×37×22
BSC12RW-50W	50W	12V	4A	Bright & Dim. + Color	40×33×21	58×37×22
BSC24RW-50W	50W	24V	2A		40×33×21	58×37×22
BSC12RW-100W	100W	12V	8A		40×33×22	58×37×23
BSC24RW-50W	200W	24V	8A		40×33×21	58×37×22
BSC12RWW-50W	50W	12V	4A	Bright & Dim. + Color	40×33×21	58×37×22
BSC24RWW-50W	50W	24V	2A		40×33×21	58×37×22
BSC12RWW-100W	100W	12V	8A		40×33×22	58×37×23
BSC24RWW-50W	200W	24V	8A		40×33×21	58×37×22



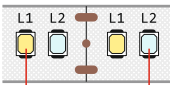
Bright & Dim.




Single Color LED



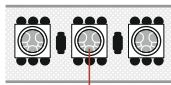
Bright & Dim. + Warm & Cool



WW WH



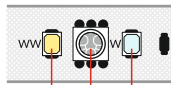
Bright & Dim. + Color



RGB



Bright & Dim. + Color & Daylight



WW RGB WH



WORKS WITH AMAZON ALEXA



WORKS WITH GOOGLE ASSISTANT



BLUETOOTH & WIFI CONTROL OPTION



WORKS WITH SMART LIFE APP



Constant Current DIP Switch Smart Driver



Features

- Under voltage protection
- 300VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	Driver Box Dim. (L×W×H) (mm)
BTB-DIP-6-12W	6-12W	24-40V	150mA	2KV	102×38×24
			200mA		
			250mA		
			300mA		
BTB-DIP-12-20W	12-20W	30-40V	300mA	2KV	102×38×24
			350mA		
			450mA		
			500mA		
			600mA		
BTB-DIP-24-40W	24-40W	30-40V	700mA	2KV	150×41×30
			900mA		
			1000mA		

Accessories



Smart Bluetooth Remote

- Turn on / off smart devices under the remote control
- Scene Creation and Group Control
- Adjust Brightness and control temperature of lights



Smart Bluetooth Remote

- Turn on / off smart devices under the remote control
- Scene Creation and Group Control
- Adjust Brightness and control temperature of lights



Smart Bluetooth Switch

- Turn on / off smart lights under the switch control
- Pair with app and control group of lights
- Adjust brightness and control temperature of lights



Smart Bluetooth Gateway

- Connect smart bluetooth devices to mesh
- Voice control through voice assistant
- Control smart devices through mobile app

Accessories

NEW



Smart Wall Knob



Turn on / off smart lights under the switch control



Pair with app and control group of lights



Adjust brightness and control temperature of lights



Switch modes easily via touch screen

NEW



3 Way Switch



Fixes one CCT in 3-steplights with no switching change



Built with quality components for long-term reliable operation.



Consistent lighting, no confusion

NEW



4 Way Switch



Fixes one and variable CCT in 3-step lights



Built with quality components for long-term reliable operation.



Consistent lighting, no confusion



Smart Plug



Turn on Devices like AC from mobile app while leaving for home



Schedule and repeat on / off time for various devices



Set timer to prevent over charging of the devices



Share scenario with family to share hassle free operation



Turn on / off devices with voice command through voice assistant



IR Blaster



Turn all of your IR device smart with Smart IR Blaster



Control or operate your AC functions from mobile through Smart Life App



Operate your devices through voice command with voice assistant



Set schedule for IR operated devices to automated operations

Constant Current Non-Isolated LPF Driver



Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)
QDV1001	2-4W	30-60V	60mA	1.5KV	29×21×15
QDV1005	4-6W	60-90V	60mA	1.5KV	29×21×15
QDV1012	3-6W	30-60V	90mA	1.5KV	29×21×15
QDV1010	6-9W	60-90V	90mA	1.5KV	29×21×15
QDV1014	4-8W	30-60V	120mA	1.5KV	29×21×15
QDV1020	8-12W	60-90V	120mA	1.5KV	29×21×15

Constant Current Non-Isolated LPF Driver (3 Step PCB)

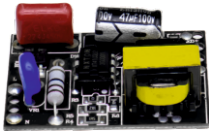


Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)
Q3DV1001	2-4W	30-60V	60mA	1.5KV	29×21×15
Q3DV1005	4-6W	60-90V	60mA	1.5KV	29×21×15
Q3DV1012	3-6W	30-60V	90mA	1.5KV	29×21×15
Q3DV1010	6-9W	60-90V	90mA	1.5KV	29×21×15
Q3DV1014	4-8W	30-60V	120mA	1.5KV	29×21×15
Q3DV1020	8-12W	60-90V	120mA	1.5KV	29×21×15

Constant Current Non-Isolated HPF Indoor Driver

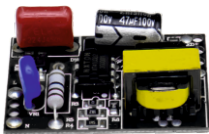


Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
QDV1030	8-12W	24-40V	280mA	1.5KV	40×27×12	46×34×17
QDV1040	8-12W	30-50V	220mA	1.5KV	40×27×12	46×34×17
QDV1050	12-20W	36-65V	280mA	1.5KV	40×27×12	46×34×17
QDV1060	12-20W	40-70V	220mA	1.5KV	40×27×12	46×34×17
QDV1070	18-22W	54-72V	280mA	1.5KV	40×27×12	46×34×17

Constant Current Non-Isolated HPF Indoor Driver (3 Step PCB)

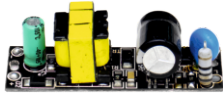


Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
Q3DV1290	8-12W	24-40V	280mA	1.5KV	40×27×12	46×34×17
Q3DV1300	8-12W	30-50V	220mA	1.5KV	40×27×12	46×34×17
Q3DV1310	12-20W	36-65V	280mA	1.5KV	40×27×12	46×34×17
Q3DV1320	12-20W	40-70V	220mA	1.5KV	40×27×12	46×34×17
Q3DV1330	18-22W	54-72V	280mA	1.5KV	40×27×12	46×34×17

Constant Current Isolated LPF Driver

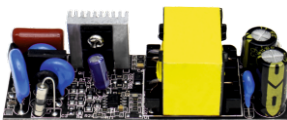


Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
QDV1475	3-6W	9-20V	280mA	2KV	50×15×15	55×28×20
QDV1470	4-7W	10-24V	300mA	2KV	50×15×15	55×28×20
QDV1480	3W	2-4V	600mA	2KV	50×15×15	55×28×20
QDV1485	6W	6-9V	700mA	2KV	50×15×15	55×28×20
QDV1490	8-12W	30-40V	300mA	2KV	50×23×17	55×28×20
QDV1495	12-18W	45-60V	300mA	2KV	50×23×17	55×28×20
QDV1120	8W	30-40V	200mA	2KV	50×23×17	55×28×20
QDV1125	10W	30-40V	250mA	2KV	50×23×17	55×28×20
QDV1500	15W	30-40V	350mA	2KV	50×23×17	55×28×20
QDV1505	18W	30-40V	450mA	2KV	60×25×18	71×33×22
QDV1510	20W	30-40V	500mA	2KV	60×25×18	71×33×22

Constant Current Isolated VF Series Driver - Flicker Free (PF ≥0.9)



Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.9

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Potted Body Dim. (L×W×H) (mm)
QDV1511	4-7W	10-24V	300mA	2KV	48×21×17	55×28×20
QDV1515	8-12W	24-40V	300mA	2KV	48×21×17	55×28×20
QDV1520	12-18W	36-60V	300mA	2KV	65×28×20	71×33×22
QDV1525	18-24W	54-80V	300mA	2KV	65×28×20	71×33×22
QDV1530	24-30W	72-100V	300mA	2KV	77×36×23	82×42×25
QDV1535	15W	30-40V	350mA	2KV	65×28×20	71×33×22
QDV1540	18W	30-40V	450mA	2KV	65×28×20	71×33×22
QDV1545	20W	30-40V	500mA	2KV	65×28×20	71×33×22
QDV1550	24W	30-40V	600mA	2KV	77×36×23	83×42×25
QDV1555	30W	30-40V	700mA	2KV	77×36×23	83×42×25
QDV1560	36W	30-40V	900mA	2KV	77×36×23	83×42×25

Constant Current Isolated HPF Indoor Driver



Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	3 Step	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
QDV1160	4-7W	10-24V	300mA	No	1.5KV	48×21×17	55×28×20
QDV1170	8-12W	24-40V	300mA	Yes	1.5KV	48×21×16	55×28×20
QDV1200	12-18W	36-60V	300mA	Yes	1.5KV	65×27×17	83×42×25
QDV1240	18-24W	54-80V	300mA	Yes	1.5KV	73×32×18	83×42×25
QDV1250	24-30W	72-100V	300mA	No	2KV	73×32×18	83×42×25
QDV1180	8W	30-40V	200mA	Yes	1.5KV	48×21×16	55×28×20
QDV1190	10W	30-40V	240mA	Yes	1.5KV	48×21×16	55×28×20
QDV1210	15W	30-40V	350mA	No	1.5KV	65×27×17	83×42×25
QDV1220	18W	30-40V	450mA	No	1.5KV	65×27×17	83×42×25
QDV1230	20W	30-40V	500mA	No	1.5KV	65×27×17	83×42×25
QDV1260	24W	30-40V	600mA	No	2KV	73×32×18	83×42×25
QDV1270	30W	30-40V	700mA	No	2KV	73×32×18	83×42×25
QDV1280	36W	30-40V	900mA	No	2KV	73×32×18	83×42×25

Constant Current Isolated HPF Indoor Driver (3 Step PCB)



Features

- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	PCB Dim. (L×W×H) (mm)	Potted Body Dim. (L×W×H) (mm)
QDV1340	8-12W	24-40V	300mA	1.5KV	48×21×17	55×28×20
QDV1370	12-18W	36-60V	300mA	1.5KV	65×28×20	71×33×22
QDV1380	18-24W	54-80V	300mA	1.5KV	65×28×20	71×33×22
QDV1350	8W	30-40V	200mA	1.5KV	48×21×17	55×28×20
QDV1360	10W	30-40V	240mA	1.5KV	48×21×17	55×28×20

Constant Current Isolated HPF Outdoor Driver (Potted)

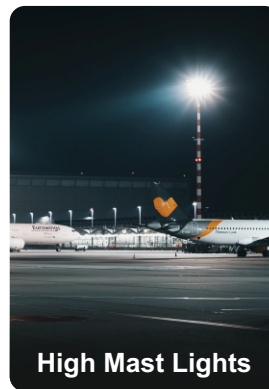
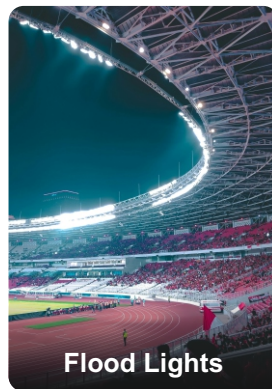


Features

- Under voltage protection
- 415VAC protection
- Suitable for dry, damp and wet locations
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%
- IP67

Model	Wattage	Output Voltage (V)	Output Current (I)	Surge	Potted Body Dim. (L×W×H) (mm)
QDV1400C	18W	30-40V	450mA	3KV	92×30×22
QDV1405C	20W	30-40V	500mA	4KV	106×36×24
QDV1410C	24W	30-40V	600mA	4.5KV	106×36×24
QDV1415C	30W	30-40V	700mA	4.5KV	111×36×29
QDV1420C	36W	30-40V	900mA	6KV	111×36×29
QDV1425C	40W	30-40V	1000mA	6KV	111×36×29
QDV1430C	40W	45-60V	700mA	6KV	111×36×29
QDV1435C	45W	30-40V	1200mA	6KV	111×36×29
QDV1440C	45W	45-60V	700mA	6KV	111×36×29
QDV1445C	50W	30-40V	1400mA	6KV	111×36×29
QDV1450C	50W	45-60V	850mA	6KV	111×36×29
QDV1455C	50W	50-72V	700mA	6KV	111×36×29

Built for Every Outdoor Condition



Wide Output Range



Multiple Protection System



High Power Factor



Advanced Circuit Protection

Quartz Series CV - CC SMPS

NEW



75%
EFFICIENCY

Features

- Output short circuit protections
- Output overload protections
- Output open circuit protections
- 300VAC protection
- Aluminium enclosure

Model	Wattage	Output Voltage (V)	Driver Box Dim. (L×W×H) (mm)
QSMP0010	36W	12V	98×41×24
QSMP0020	60W	12V	150×41×30
QSMP0025	75W	12V	102×51×24
QSMP0035	100W	12V	127×51×24
QSMP0040	120W	12V	127×51×24
QSMP0045	200W	12V	157×51×24
QSMP0050	250W	12V	157×51×24
QSMP0055	300W	12V	240×48×31
QSMP0060	350W	12V	240×48×31
QSMP0065	400W	12V	240×48×31
QSMP0070	50W	24V	150×41×30
QSMP0075	75W	24V	102×47×24
QSMP0080	120W	24V	127×51×24
QSMP0085	250W	24V	157×51×24
QSMP0090	300W	24V	240×48×31
QSMP0095	400W	24V	240×48×31



Stable
12V / 24V Output



Designed for
Continuous Use



Continuous
Load Ready



Optimized Thermal
Performance



Cove Lighting



Landscape Lighting



Facade Lighting



Signage Lighting

Built for Performance. Designed for Flexibility.

Our LED driver solutions are engineered to deliver consistent performance across diverse lighting applications, while offering the flexibility modern manufacturers need.



Built for Your Application

- Multiple pin configuration options for easy integration
- Custom output current & voltage settings
- Compatible with sensor-based and smart lighting systems
- Compact design suitable for concealed installations
- Support for private labelling and OEM requirements

Designed to adapt seamlessly into your product ecosystem



Versatile Across Lighting Segments

- Versatile Across Lighting Segments
- Our drivers are suitable for a wide range of lighting - applications:
- Panel Lights & Down lights
- Street Lights & Flood Lights
- Highbay & Industrial Lighting
- Commercial & Retail Spaces
- Smart & Sensor-Based Lighting Systems

One solution. Multiple possibilities.



Efficient Energy Saving

- High efficiency driver design
- Optimized power utilization
- Compatible with dimming systems
- Stable output with minimal losses
- Enhances overall energy savings

Efficiency built into every driver

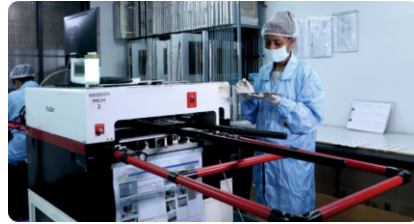


Built to Last

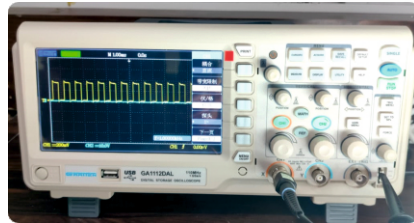
Protection against surge, overload & short circuit
Stable performance under voltage fluctuations
Designed for long operational life
Consistent output across varying conditions
High-quality components for durable performance
Low failure rate for long-term dependability

Reliability you can trust

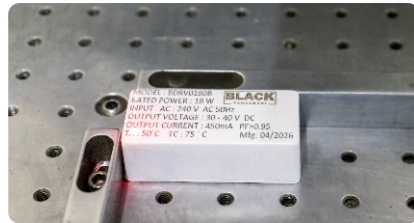
Manufacturing Facilities



In-house Photometric & Electrical Lab



In-house Driver Manufacturing Facility



Factory Address: Gala No. 103, AAIMA Ind. Complex,
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E-mail: sales@blackparasmani.com

