

Get Connected

## LED Driver Catalogue



MADE IN INDIA

W.E.F.: 01-11-2024

### Constant Current Non-Isolated LPF Driver

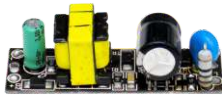


#### Features

- 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)	3 Step	Surge	PCB Dim. (L×W×H) (mm)
BDRV0010	3-6W	36-90V	60mA	Yes	2KV	29×21×15
BDRV0020	6-9W	30-90V	90mA	Yes	2KV	29×21×15
BDRV0030	9-12W	36-90V	120mA	Yes	2KV	29×21×15

### Constant Current 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)	Driver Box Dim. (L×W×H) (mm)
BDRV0090	3-6W	9-20V	280mA	2KV	50×15×15	54×29×22
BDRV0100	3W	2-4V	600mA	2KV	50×15×15	54×29×22
BDRV0110	6W	6-9V	700mA	2KV	50×15×15	54×29×22
BDRV0111	8-12W	30-40V	300mA	2KV	50×23×17	54×29×22
BDRV0114	12-18W	45-60V	300mA	2KV	60×25×18	89×32×20
BDRV0112	8W	30-40V	200mA	2KV	50×23×17	54×29×22
BDRV0113	10W	30-40V	250mA	2KV	50×23×17	54×29×22
BDRV0115	15W	30-40V	350mA	2KV	60×25×18	89×32×20
BDRV0116	18W	30-40V	450mA	2KV	60×25×18	89×32×20

## 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  $\geq 0.95$

Model	Wattage	Output Voltage (V)	Output Current (I)	3 Step	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BDRV0040	8-12W	24V-40V	280mA	Yes	2KV	40×27×12	56×35×21
BDRV0050	8-12W	30-50V	220mA	Yes	2KV	40×27×12	56×35×21
BDRV0060	12-18W	36-60V	280mA	Yes	2KV	40×27×12	56×35×21
BDRV0070	12-18W	40-72V	220mA	Yes	2KV	40×27×12	56×35×21
BDRV0080	18-22W	54-72V	280mA	Yes	2KV	40×27×12	56×35×21

## 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  $\geq 0.95$

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 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  $\geq 0.95$
- 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)
BDRV0120	4-7W	10-24V	300mA	No	2KV	48×21×17	54×29×22
BDRV0130	8-12W	24-40V	300mA	Yes	2KV	48×21×16	54×29×22
BDRV0160	12-18W	36-60V	300mA	Yes	2KV	65×27×17	89×32×20
BDRV0200	18-24W	54-80V	300mA	Yes	2KV	73×32×18	98×40×24
BDRV0210	24-30W	72-100V	300mA	No	2.5KV	73×32×18	98×40×24
BDRV0140	8W	30-40V	200mA	Yes	2KV	48×21×16	54×29×22
BDRV0150	10W	30-40V	240mA	Yes	2KV	48×21×16	54×29×22
BDRV0570	12W	9-18V	700mA	Yes	2KV	65×27×17	89×32×20
BDRV0170	15W	30-40V	350mA	No	2KV	65×27×17	89×32×20
BDRV0180	18W	30-40V	450mA	No	2KV	65×27×17	89×32×20
BDRV0190	20W	30-40V	500mA	No	2KV	65×27×17	89×32×20
BDRV0220	24W	30-40V	600mA	No	2KV	73×32×18	98×40×24
BDRV0230	30W	30-40V	700mA	No	2.5KV	73×32×18	98×40×24
BDRV0240	36W	30-40V	900mA	No	2.5KV	73×32×18	98×40×24
BDRV0250	40W	30-40V	1000mA	No	2.5KV	90×31×23	127×48×31
BDRV0260	45W	30-40V	1200mA	No	2.5KV	90×31×23	127×48×31
BDRV0270	50W	30-40V	1400mA	No	2.5KV	90×31×23	127×48×31

### Constant Current Isolated HPF Outdoor Driver

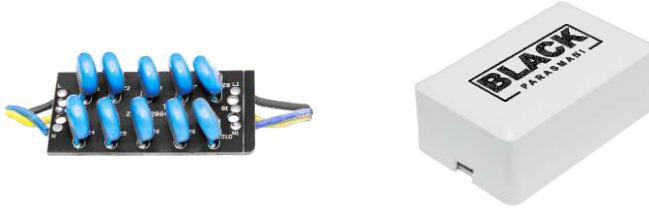


#### Features

- 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  $\geq 0.95$
- THD less than 15%
- IP67

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)
BDRV0430	18W	30-40V	450mA	3KV	65×27×17	89×32×20	92×30×22
BDRV0440	24W	30-40V	600mA	4KV	73×30×18	98×40×24	106×36×24
BDRV0450	30W	30-40V	700mA	4.5KV	73×30×18	98×40×24	106×36×24
BDRV0460	36W	30-40V	900mA	4.5KV	81×35×25	127×48×31	111×36×29
BDRV0470	40W	30-40V	1000mA	6KV	81×35×25	127×48×31	111×36×29
BDRV0480	40W	45-60V	700mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0490	45W	30-40V	1200mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0500	45W	45-60V	750mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0510	50W	30-40V	1400mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0520	50W	45-60V	850mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0530	50W	50-72V	700mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0540	60W	30-40V	1500mA	6KV	90×31×23	127×48×31	111×36×29
BDRV0550	60W	45-60V	1050mA	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)	Potted Body Dim. (L×W×H) (mm)
BSPD0010	5KV	35×20×17	54×29×22	54×29×22
BSPD0020	10KV	48×25×17	58×37×22	58×37×22

### 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

**Platinum 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)
BSMP0010	24W	12V	2A	98×40×24
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

**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

**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 10%
- CCT tunable

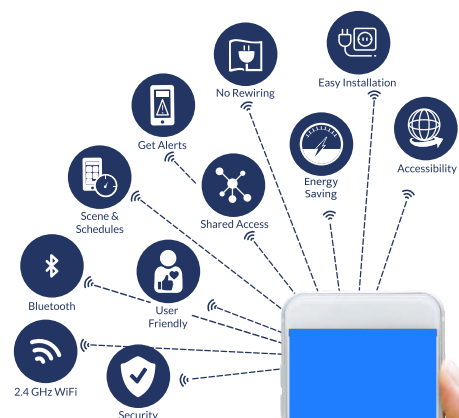
Model	Wattage	Output Voltage (V)	Output Current (I)	BLE Mesh / Wi-Fi	Surge	PCB Dim. (L×W×H) (mm)	Driver Box Dim. (L×W×H) (mm)
BTWP01-1015W	8-12W	24-40V	300mA	Yes	2KV	76×32×18	98×40×24
BTWC01-8W	8W	30-40V	200mA	Yes	2KV	76×32×18	98×40×24
BTWC01-10W	10W	30-40V	240mA	Yes	2KV	76×32×18	98×40×24
BTWP01-1218W	12-18W	36-60V	300mA	Yes	2KV	76×32×18	98×40×24
BTWC01-15W	15W	30-40V	350mA	Yes	2KV	76×32×18	98×40×24
BTWC01-18W	18W	30-40V	450mA	Yes	2KV	76×32×18	98×40×24
BTWC01-20W	20W	30-40V	500mA	Yes	2KV	76×32×18	98×40×24
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 &amp; Dim.



Bright &amp; Dim. + Warm &amp; Cool



WORKS WITH AMAZON ALEXA



WORKS WITH GOOGLE ASSISTANT



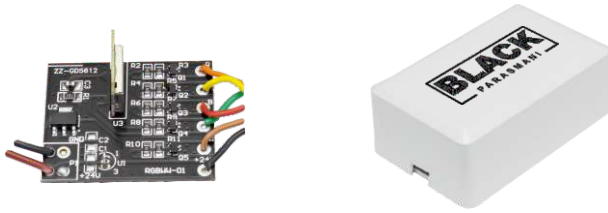
BLUETOOTH &amp; WIFI CONTROL OPTION



WORKS WITH SMART LIFE APP



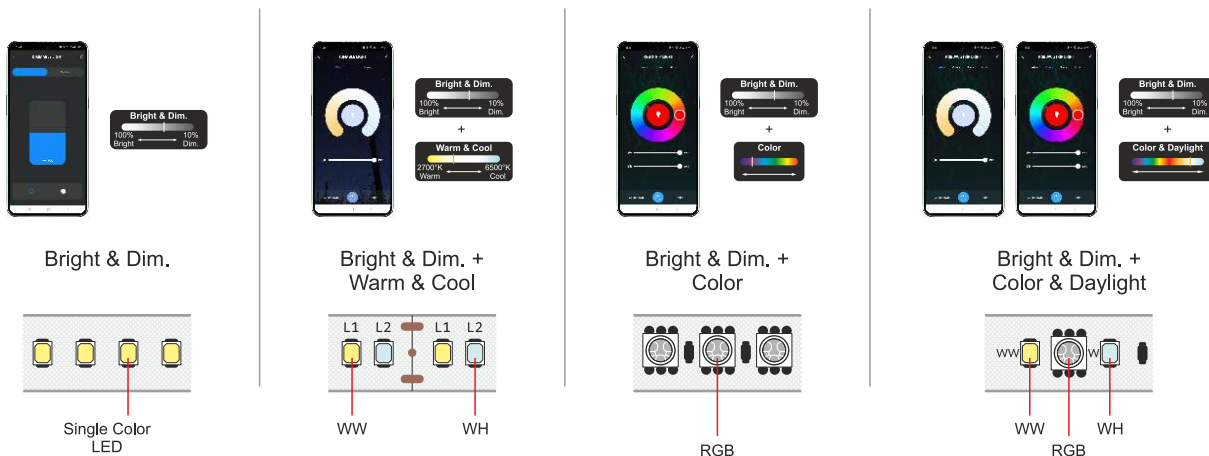
## Constant Current LED Strip Controller Wi-Fi | 0



### Features

- Suitable for dry location
- Output short circuit protections
- Output open circuit protections
- Dimming up-to 10%
- CCT tunable




Model	Wattage	Output Voltage (V)	Output Current (I)	Category	Driver Box Dim. (L×W×H) (mm)
BSC12DW-50W	50W	12V	4A	Bright & Dim.	58×37×22
BSC24DW-100W	100W	24V	4A		58×37×22
BSC12TW-50W	50W	12V	4A	Bright & Dim. + Warm & Cool	98×40×24
BSC24TW-100W	100W	24V	4A		98×40×24
BSC12RW-50W	50W	12V	4A	Bright & Dim. + Color	58×37×22
BSC24RW-50W	50W	24V	2A		58×37×22
BSC12RWW-50W	50W	12V	4A	Bright & Dim.	58×37×22
BSC12RWW-50W	50W	12V	2A		58×37×22
BSC12RWW-100W	100W	12V	8A	Bright & Dim. + Color & Daylight	127×48×31
BSC24RWW-200W	200W	24V	8A		127×48×31
BSC24RWW-200W	200W	24V	8A	Color & Daylight	127×48×31
BSC12RWW-100W	100W	12V	8A		127×48×31



## Smart Bluetooth Accessories 0






**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 Gateway**

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








**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 Accessories Wi-Fi







**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 hassel free operation
-  Turn on / off devices with voice command through voice assistant



**IR Blaster**

-  Turn all of your IR device smart with Crescent 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

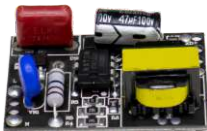


#### Features

- 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)	3 Step	Surge	PCB Dim. (L×W×H) (mm)
QDV1001	3-6W	36-90V	60mA	Yes	1.5KV	29×21×15
QDV1010	6-9W	30-90V	90mA	Yes	1.5KV	29×21×15
QDV1020	9-12W	36-90V	120mA	Yes	1.5KV	29×21×15

### Constant Current Non-Isolated HPF Driver



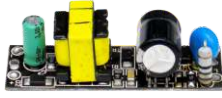
#### Features

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

Model	Wattage	Output Voltage (V)	Output Current (I)	3 Step	Surge	PCB Dim. (L×W×H) ( mm)	Driver Box Dim. (L×W×H) (mm)
QDV1030	8-12W	24V-40V	280mA	Yes	1.5KV	40×27×12	56×35×21
QDV1040	8-12W	30-50V	220mA	Yes	1.5KV	40×27×12	56×35×21
QDV1050	12-18W	36-60V	280mA	Yes	1.5KV	40×27×12	56×35×21
QDV1060	12-18W	40-72V	220mA	Yes	1.5KV	40×27×12	56×35×21
QDV1070	18-22W	54-72V	280mA	Yes	1.5KV	40×27×12	56×35×21



### Constant Current Isolated LPF Driver

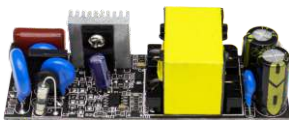


#### Features

- 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)
QDV1080	3-6W	9-20V	280mA	1.5KV	50×15×15	54×29×22
QDV1090	3W	2-4V	600mA	1.5KV	50×15×15	54×29×22
QDV1100	6W	6-9V	700mA	1.5KV	50×15×15	54×29×22
QDV1110	8-12W	30-40V	300mA	1.5KV	50×23×17	54×29×22
QDV1120	8W	30-40V	200mA	1.5KV	50×23×17	54×29×22
QDV1130	10W	30-40V	250mA	1.5KV	50×23×17	54×29×22
QDV1140	15W	30-40V	350mA	1.5KV	60×25×18	89×32×20
QDV1150	18W	30-40V	450mA	1.5KV	60×25×18	89×32×20

### Constant Current Isolated HPF Indoor Driver



#### Features

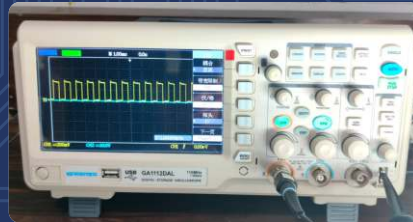
- Under voltage protection
- 280VAC protection
- Suitable for dry location
- Output overload protections
- Output short circuit protections
- Output open circuit protections
- Power factor ≥ 0.95
- THD less than 15%

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	54×29×22
QDV1170	8-12W	24-40V	300mA	Yes	1.5KV	48×21×16	54×29×22
QDV1200	12-18W	36-60V	300mA	Yes	1.5KV	65×27×17	89×32×20
QDV1240	18-24W	54-80V	300mA	Yes	1.5KV	73×32×18	98×40×24
QDV1250	24-30W	72-100V	300mA	No	2KV	73×32×18	98×40×24
QDV1180	8W	30-40V	200mA	Yes	1.5KV	48×21×16	54×29×22
QDV1190	10W	30-40V	240mA	Yes	1.5KV	48×21×16	54×29×22
QDV1210	15W	30-40V	350mA	No	1.5KV	65×27×17	89×32×20
QDV1220	18W	30-40V	450mA	No	1.5KV	65×27×17	89×32×20
QDV1230	20W	30-40V	500mA	No	1.5KV	65×27×17	89×32×20
QDV1260	24W	30-40V	600mA	No	2KV	73×32×18	98×40×24
QDV1270	30W	30-40V	700mA	No	2KV	73×32×18	98×40×24
QDV1280	36W	30-40V	900mA	No	2KV	73×32×18	98×40×24

## Manufacturing Facilities



## In-house Photometric & Electrical Lab



## In-house Driver Manufacturing Facility



**Factory Address:** Gala No. 103, AAIMA Ind. Complex,  
Tungreshvar Fata, Sativali, Vasai (E), Palghar (MH) - 401208.  
**Contact Number:** +91 89803 70550, +91 90333 02472  
**Website:** [www.blackparasmani.com](http://www.blackparasmani.com)  
**E-mail:** [sales@blackparasmani.com](mailto:sales@blackparasmani.com)

