

We care for your lightings....



LED DRIVERS & SPDs

FOR EFFICIENT LIGHTINGS

A PRODUCT OF KARVIN
GROUP



**KARVIN POWER
SYSTEMS PVT LTD**

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OUR STORY

KARVIN is an established brand in the UPS & Stabilizer industry having an experience of over 2 decades now.

Continuing to strive towards excellence, we are now one of the fastest growing brands in the LED Segment & are catering to all organized & reputed organizations of the industry.

We at Karvin are therefore set to keep delivering our best in technology and keep making purpose driven developments.

.....
We believe in working
for your passion
.....



Committed to support
you in your growth story



WHY CHOOSE US ?

- Design, Development, Sales & Support all under one roof
- Specialized to cater customized requirements
- Branded sourcing of raw materials
- Team of skillful technocrats
- Continuous research & development



CONSTANT CURRENT DRIVERS ISOLATED (1W TO 120W)

	1W TO 10W	6W TO 24W	25W TO 60W	ABOVE 60W & UPTO 120W
1. INPUT VOLTAGE RANGE	230VAC \pm 20%	90 - 265VAC	90 - 265VAC	90 - 265VAC
2. POWER FACTOR (PF)	LPF \geq 0.50	HPF \geq 0.95	HPF \geq 0.95	HPF \geq 0.95
3. THD	N.A.	\leq 15%	\leq 15%	\leq 10%
4. SURGE	2.5KV	3KV	4KV / 6KV	6KV / 10KV
5. WITHSTAND VOLTAGE	320VAC	320 / 440VAC	320 / 440VAC	320 / 440VAC
6. CUT OFF	N.A.	Option Available	YES	YES
7. EFFICIENCY	\geq 80%	\geq 80%	\geq 85%	\geq 85%
8. OVER VOLTAGE PROTECTION (OVP)	YES	YES	YES	YES
9. SHORT CIRCUIT PROTECTION	YES	YES	YES	YES
10. OUTPUT CURRENT	50mA - 1200mA*	150mA - 1000mA*	350mA - 1500mA*	700mA - 3Amp*
11. OUTPUT VOLTAGE	3V - 36VDC*	12V - 80VDC*	20V - 135VDC*	36V - 72VDC*

- **Technical specs and dimensions of drivers can be customised as per requirement**

- IP (Potting) option available for all drivers
- With or without Cabinet options available

- * Voltage & current mentioned is the range in which we can support the drivers designs as per the series and parallel of the lights



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CONSTANT CURRENT DRIVERS

NON - ISOLATED

	TUBE LIGHT DRIVERS 10W , 18 / 20W	PANEL LIGHT DRIVERS 8W - 24W
1. INPUT VOLTAGE RANGE	90 - 265VAC	90 - 265VAC
2. POWER FACTOR (PF)	HPF \geq 0.95	HPF \geq 0.95
3. THD	\leq 15%	\leq 15%
4. SURGE	4KV	4KV
5. WITHSTAND VOLTAGE	440VAC	440VAC
6. CUT OFF	N.A.	N.A.
7. EFFICIENCY	\geq 85%	\geq 85%
8. OVER VOLTAGE PROTECTION (OVP)	YES	YES
9. SHORT CIRCUIT PROTECTION	YES	YES
10. OUTPUT CURRENT	100mA - 240mA*	100mA - 300mA*
11. OUTPUT VOLTAGE	36V - 80VDC*	36V - 80VDC*

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VARIABLE CURRENT DRIVERS ISOLATED

	9W, 12W, 15W, 18W	18W, 20W, 22W, 24W
1. INPUT VOLTAGE RANGE	90 - 265VAC	90 - 265VAC
2. POWER FACTOR (PF)	HPF \geq 0.95	HPF \geq 0.95
3. THD	\leq 15%	\leq 15%
4. SURGE	3KV	3KV
5. WITHSTAND VOLTAGE	320VAC	320VAC
6. CUT OFF	N.A.	N.A.
7. EFFICIENCY	\geq 85%	\geq 85%
8. OVER VOLTAGE PROTECTION (OVP)	YES	YES
9. SHORT CIRCUIT PROTECTION	YES	YES
10. OUTPUT CURRENT	200mA, 250mA, 300mA, 350mA	400mA, 450mA, 500mA, 550mA
11. OUTPUT VOLTAGE	24V - 42VDC	24 - 42VDC

• Besides the above, we can develop & customise drivers in other variable type as per your required wattage & current



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VARIABLE CURRENT DRIVERS ISOLATED

	24W - 30W	32W - 40W
1. INPUT VOLTAGE RANGE	90 - 265VAC	90 - 265VAC
2. POWER FACTOR (PF)	HPF \geq 0.95	HPF \geq 0.95
3. THD	\leq 10%	\leq 10%
4. SURGE	4KV	4KV
5. WITHSTAND VOLTAGE	320VAC	320VAC
6. CUT OFF	YES	YES
7. EFFICIENCY	\geq 85%	\geq 85%
8. OVER VOLTAGE PROTECTION (OVP)	YES	YES
9. SHORT CIRCUIT PROTECTION	YES	YES
10. OUTPUT CURRENT	600mA, 650mA, 700mA, 750mA	850mA, 900mA, 950mA, 1000mA
11. OUTPUT VOLTAGE	24V - 42VDC	24 - 42VDC

• Besides the above, we can develop & customise drivers in other variable type as per your required wattage & current



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DC DC DRIVERS

	I/P 12V	I/P 24V	I/P 48V	I/P 12V - 24V
1. OVER VOLTAGE PROTECTION (OVP)	YES	YES	YES	YES
2. SHORT CIRCUIT PROTECTION	YES	YES	YES	YES
3. OUTPUT CURRENT	50mA - 1Amp*	50mA - 1Amp*	50mA - 1Amp*	50mA - 350mA*
4. OUTPUT VOLTAGE	3 - 9VDC*	3 - 18VDC*	3 - 40VDC*	3 - 36VDC*

- **Technical specs and dimensions of drivers can be customised as per requirement**

- IP (Potting) option available for all drivers
- With or without Cabinet options available

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