

DRIVER & SMPS CATALOGUE

2020 - 1

MADE IN INDIA



www.crescentlighting.in

Non Isolated Panel Driver



Model	8 - 12w	13 - 18w	19 - 22w
Input Voltage	140-280 V AC		
Input Current (Max)	65 mA	90 mA	120 mA
Power Factor	>0.95	>0.90	
THD	<15%	<15%	<15%
Efficiency	88%	85%	
Constant Current, Voltage or Power	Constant current		
Output Current	240 mA	280 mA	
Output Voltage	30-50V DC	40-60V DC	54-80V DC
Output Wattag	12W	18W	22W
Surge Protection	√ (2 KV)		
Current Protection	√		
Overload Protection	√		
Max Case Hot Spot Temperature	70° C		
Operating Temperature	0° - 55° C		

Isolated HPF Panel Driver



Model	4 - 7w	8 - 12w	13 - 18w	19 - 24w	25 - 30w
Input Voltage	140-280 V AC				
Input Current (Max)	40 mA	65 mA	90 mA	120 mA	150 mA
Power Factor	>0.9				
THD	<30%	<20%	<20%	<20%	<15%
Efficiency	80%	82%	85%	85%	85%
Constant Current, Voltage or Power	Constant current				
Output Current	300 mA				
Output Voltage	12-24V	24-40V DC	36-60V DC	54-80V DC	72-100V DC
Output Wattag	6W	12W	18W	24W	30W
Surge Protection	Yes (2 KV)				
Current Protection	√				
Overload Protection	√				
Max Case Hot Spot Temperature	70° C				
Operating Temperature	0° - 55° C				

Isolated HPF COB Driver



	9w	12w	15w	18w	24w	30w
Input Voltage	120-280 V AC					
Input Current (Max)	90 mA	65 mA	75 mA	90 mA	120 mA	150 mA
Power Factor	>0.9					
THD	<30%	<20%	<20%	<20%	<15%	<15%
Efficiency	82%	82%	82%	85%	85%	85%
Constant Current, Voltage or Power	Constant current					
Output Current	220 mA	275 mA	330 mA	425 mA	550 mA	675 mA
Output Voltage	30-40V DC					
Output Wattag	8w	11w	13.5w	16w	21w	27w
Surge Protection	1.5kv	2kv	2kv	2kv	2kv	2kv
Current Protection	√					
Overload Protection	√					
Max Case Hot Spot Temperature	70° C					
Operating Temperature	0° - 55° C					

Note : Products will be supplied in industrial packing.

Isolated HPF Outdoor Driver



Power Consumption	20w	30w	40-45w	40w	50w	60w
Input Voltage	140-280 V AC					
Input Current (Max)	90 mA	150 mA	220 mA	200 mA	250 mA	275 mA
Power Factor	>0.95					
THD	<15%	<10%				
Efficiency	85%					
Constant Current, Voltage or Power	Constant current					
Output Current	340 mA	680 mA	680 mA	1000 mA	850 mA	1020 mA
Output Voltage	45-55V DC	30-40V DC	45-60V DC	30-40V DC	50-60V DC	45-60V DC
Output Wattage	18w	30w	40w	36w	45w	54w
Surge Protection	4 KV			6 KV		
Current Protection	√					
Overload Protection	√					
Max Case Hot Spot Temperature	70° C					
Operating Temperature	0° - 55° C					

SPD Kit



IP
IP20

SPD Kit	5 Kv	10 Kv	20 Kv
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SPD Kit



IP
IP66

SPD Kit (Moulded)	5 Kv
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Connector



Model	Male - Female Connector
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12V Sleek SMPS



Model	12V - 5A
Input Voltage	120-280 V AC
Input Current (Max)	300 mA
Power Factor	>.0.5
Efficiency	>80%
Constant Current, Voltage Or Power	Constant Voltage
Max Output Current	5A
Output Voltage	12V
Output Wattage	60W
Surge Protection	√ 2 KV
Dimension (LxBxH) mm	175x52x22
Output Short Circuit Protection	√
Output Open Circuit Protection	√
Load Regulation	< 2%
Overload Protection	√
Max Case Hot Spot Temperature	70° C
Min Operating Temperature	0° C
Max Operating Temperature	55° C

Note : Products will be supplied in industrial packing.

12V Slim SMPS



Model	12V - 2A	12V - 5A	12V - 8A	12V - 15A
Input Voltage	120-280 V AC			
Input Current (Max)	120 mA	300 mA	450 mA	900 mA
Power Factor	>.0.5			
Efficiency	>80%			
Constant Current, Voltage Or Power	Constant Voltage			
Max Output Current	2A	5A	8A	15A
Output Voltage	12V			
Output Wattage	24w	60w	100w	180w
Surge Protection	√ 2 KV			√ 3 KV
Dimension (LxBxH) mm	100x42x30	160x40x32	185x45x35	225x65x38
Output Short Circuit Protection	√			
Output Open Circuit Protection	√			
Load Regulation	< 2%			
Overload Protection	√			
Max Case Hot Spot Temperature	70° C			
Min Operating Temperature	0° C			
Max Operating Temperature	55° C			

12V Ultra Slim SMPS



Model	12V - 2A	12V - 3A	12V - 5A
Input Voltage	120-280 V AC		
Input Current (Max)	120 mA	180 mA	300 mA
Power Factor	>.0.5		
Efficiency	>80%		
Constant Current, Voltage Or Power	Constant Voltage		
Max Output Current	2A	3A	5A
Output Voltage	12V		
Output Wattage	24w	36w	60w
Surge Protection	√ 2 KV		
Dimension (LxBxH) mm	195x17x17	290x17x17	310x17x17
Output Short Circuit Protection	√		
Output Open Circuit Protection	√		
Load Regulation	< 2%		
Overload Protection	√		
Max Case Hot Spot Temperature	70° C		
Min Operating Temperature	0° C		
Max Operating Temperature	55° C		

Note : Products will be supplied in industrial packing.

SALES HEAD QUARTERS

GUJARAT : AHMEDABAD, BARODA, PALANPUR, RAJKOT, SURAT. MAHARASHTRA : KOLHAPUR, MUMBAI, NAGPUR, PUNE, SOLAPUR. RAJASTHAN : AJMER, BHARATPUR, JAIPUR, JODHPUR, KOTA, UDAIPUR. MP : BHOPAL, GWALIOR, INDORE, JABALPUR, REWA. HARYANA : HISSAR, JIND, KARNAL. UP : AGRA, GHAZIABAD, LUCKNOW, KANPUR, MORADABAD. TAMIL NADU : CHENNAI, MADHURAI. KARNATAKA : BANGLORE, HUBLI, GULBARGA, MYSORE. TELANGANA : HYDERABAD, SECUNDERABAD. ODISHA : BHUBHANESHWAR, CUTTACK. CHHATTISGARH : RAIPUR. NEW DELHI.