

## PS60-350-IP20

60W

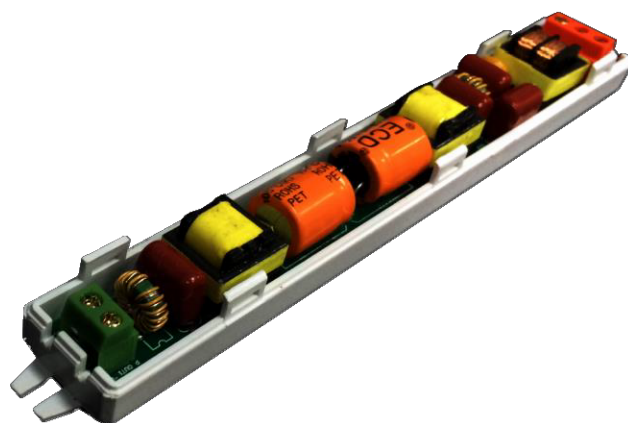
LED non-isolated driver

Tiny series

Fixed current 350mA



Small size case. One stage no flicker power supply.  
Stable working at wide range of temperatures -25C to +50C. Low cost.



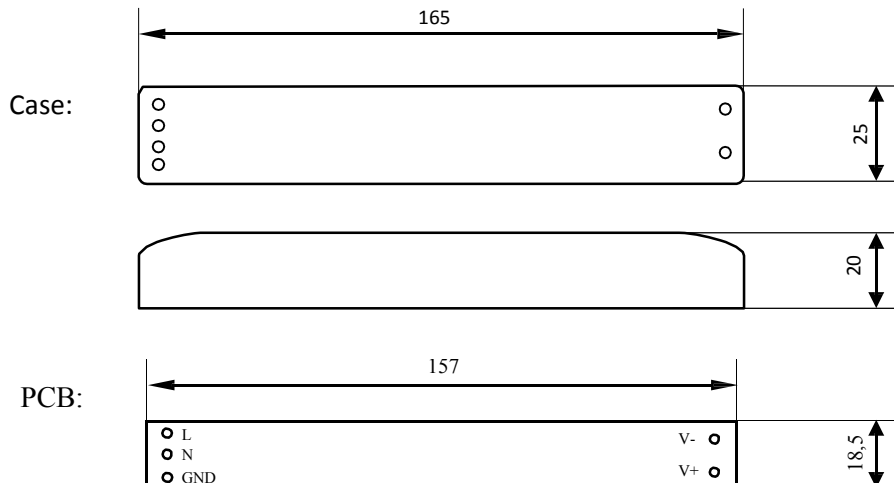
### Features:

- Fixed output current 350mA
- Ultra small dimensions
- Efficiency > 90%
- AC input range up to 300VAC
- Protections: Short circuit / Overload / Over temperature
- Output film capacitor
- Built-in passive PFC function
- IP20 design for indoor installations
- Cooling by free air convection
- 100% full load burn-in test
- High reliability
- Compliance to worldwide safety regulations for lighting
- Open board available
- 2 years warranty

### Applications:

- Linear and area lighting
- Office – Industrial – Shop
- Suitable for LED lighting and moving sign applications
- Suitable for dry locations

Unit: mm



## Electrical input data

Item	Value	Unit
Nominal voltage	220 - 240	Vac
Nominal frequency	50/60	Hz
Voltage range	160 – 285	Vac
Frequency range	47-63	Hz
Power factor	>0,95	Full load
Efficiency	>0,9	%, Full load
Nominal current	0,273	A
Total Harmonic Distortion	<20	%
Surge immunity	3000	V
EMC	0,009 - 300	MHz

## Electrical output data

Item	Value	Unit
Output voltage range	60-170	Vdc
Output current	0,35	A
Output power range	20 - 60	W
Output current tolerance	± 5	%
Output current ripple	< 3	%

**Protection**

Item	Value	
Over current	Yes	345±15mA
Short circuit	Yes	
Over voltage	Yes	115 – 120V
Over temperature	Yes	150C (IC temperature)

**Environment**

Item	Value	Unit
Ambient temperature range	-25 ...+50	°C
Maximum case temperature	75	°C
Max. case temp. in fault condition	95	°C
Storage temperature range	-55 ...+85	°C
Relative humidity	5 - 85	%, non-condensing
Environmental rating	Indoor	
IP rating	IP 20	
Mains switching cycles	> 100'000	
Expected lifetime	35'000	h, tc max
	70'000	h, tc max -10C

**Dimensions and weight**

Item	Value	Unit
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**In Case:**

Length	165	mm
Width	25	mm
Height	20	mm
Weight	0,09	kg

**PCB:**

Length	157	mm
Width	18,5	mm
Height	12	mm

**Packing and logistics**

Item	Value
Order part number	PS60-350-IP20
Carton box package	