

## 100W Single Output IP67Rated LED Driver

### FEATURES:

- 3 year warranty
- Universal input voltage range: 90~264Vac
- Constant current output mode
- Waterproof rating IP67
- Built-in active power factor correction
- Class II power, no FG
- Short circuit, over voltage, over current, and over temperature protections
- No flickering



### ELECTRICAL SPECIFICATIONS

Part Number	Output Current	Output Voltage	No Load Output Voltage	Input Current	Power Factor	Efficiency 220V	Line Regulation	Load Regulation	Ripple & Noise
SPNC100-0700SS	700mA	114-142VDC	152VDC	1.2A (230VAC)	0.95 (230VAC)	91%	2%	3%	5%Io
SPNC100-1050SS	1050mA	76-95VDC	102VDC			90%			
SPNC100-1400SS	1400mA	57-71VDC	78VDC			90%			
SPNC100-1750SS	1750mA	46-57VDC	63VDC			90%			
SPNC100-2100SS	2100mA	39-48VDC	53VDC			89%			
SPNC100-2800SS	2800mA	28-35VDC	40VDC			89%			

LED Driver Type

Constant current

Maximum Wattage

100W

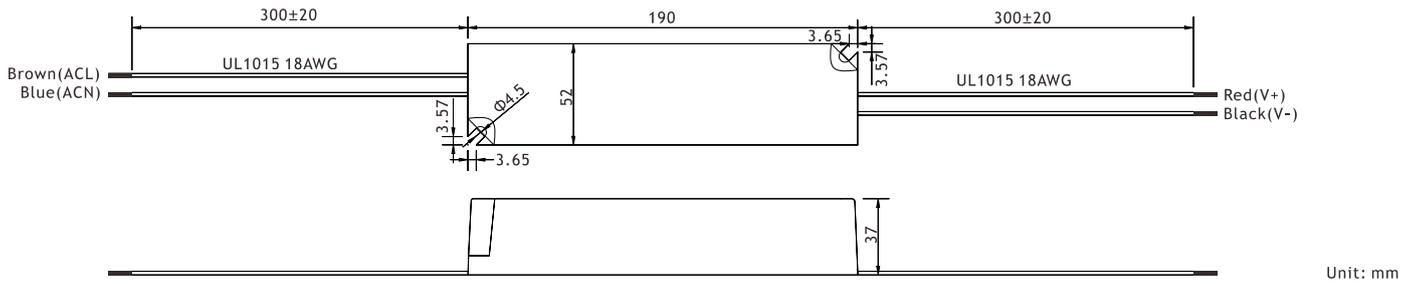
Input Voltage

90 ~ 264 VAC

<b>Input Frequency</b>	47 ~ 63 Hz
<b>Total Harmonic Distortion</b>	<20%
<b>WARRANTY</b>	3 year limited warranty
<b>Inrush Current</b>	50A at 230VAC cold start +25°C
<b>MTBF</b>	> 500kHrs to MIL-HDBK-217 at 25°C
<b>Protection</b>	Short circuit/over voltage/over current/over temperature protection

## GENERAL INFORMATION

## MECHANICAL SPECIFICATION



## APPROVALS

-Design refer to EN61347-1, EN61347-2-13, EN62493

-EMC: EN55015, EN61547, EN61000-3-2, 3

-EN61000-3-2



## PACKAGING INFORMATION

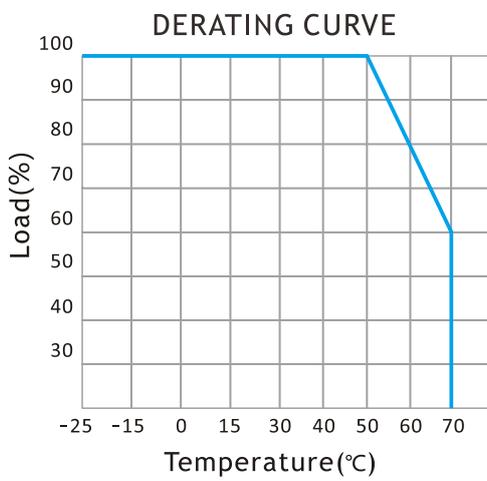
Weight:

630g

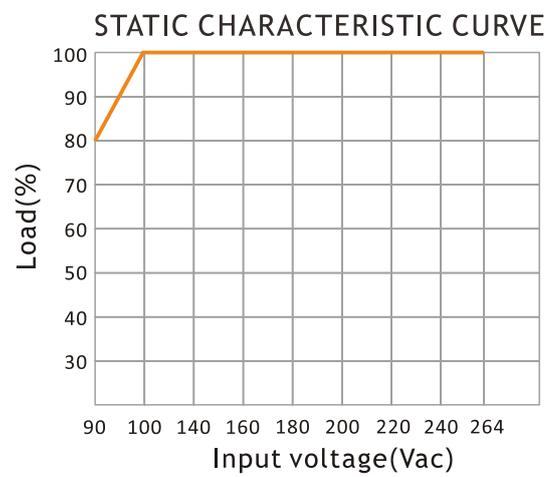
Quantity:

32pc/carton

## Derating Characteristics



## Static Characteristics



## BLOCK DIAGRAM

