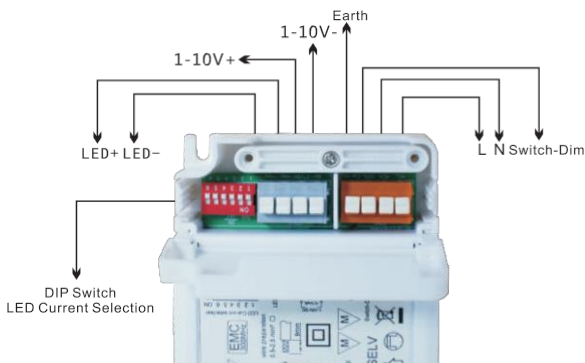


External constant current power supply series

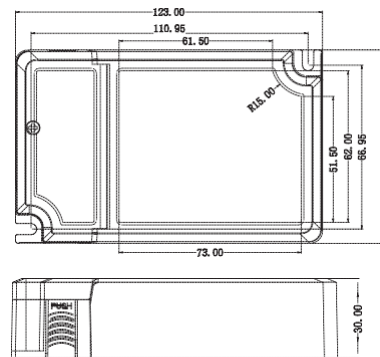
The 60W Smart Dimming power

Product Features

- The output current can be adjusted via DIP switch, a total of thirteen current gear for your choice.
- Push button dimmer, with memory function in case of power-down.
- 1-10V signal dimming.
- Dimming can be controlled by multiple controllers working synchronically
- High power factor, low THD
- Protection features include short circuit, over-temperature, and over-voltage.
- Life of up to 30,000 hours or more.
- Comply with CE, UL, CQC certification requirements.



Wiring Diagram

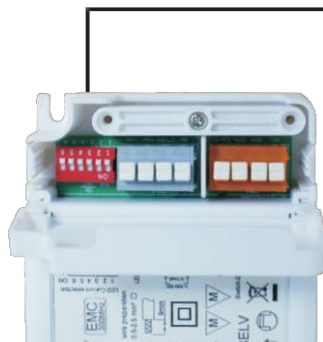


Product Structure

Adjust the current by DIP switch

LED Current Selection

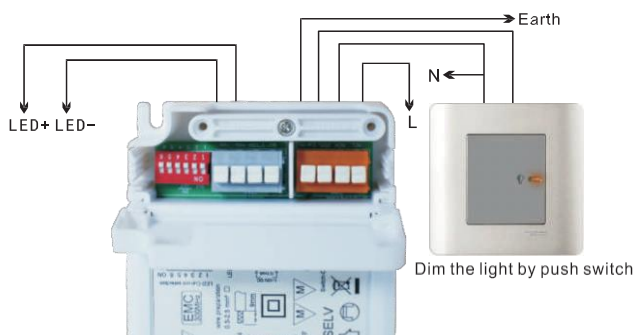
Select the appropriate current range with DIP switch.



	1	2	3	4	5	6	Electric current
I	○	○	●	○	○	○	800mA
II	●	○	○	○	○	○	900mA
III	○	●	○	○	○	○	1000mA
IV	●	●	○	○	○	○	1100mA
V	○	○	○	○	○	○	1200mA
VI	●	●	○	○	○	○	1300mA
VII	○	●	○	○	○	○	1400mA
VIII	●	●	○	○	○	○	1500mA
IX	●	○	○	○	○	○	1600mA
X	○	○	○	○	○	○	1700mA
XI	●	○	○	○	○	○	1800mA
XII	○	●	○	○	○	○	1900mA
XIII	●	●	○	○	○	○	2000mA



Dim the light by push switch

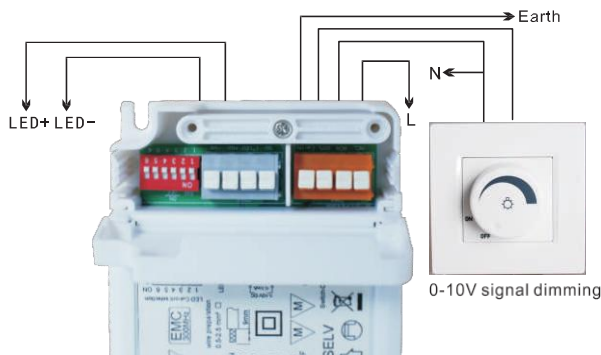


·Power On/Off :Turn on the power or turn it into standby mode by pressing the switch for less than 1s.

· Change the brightness level from 1%-100% or from 100%-1%by pressing the switch for more than 1s.

· Memory function remembers last selected brightness level.

0-10V Signal Dimming



·0-1V signal shuts down output and turn into standby mode.

·1-10V signal controls smooth dimming

Synchronous Dimming Function

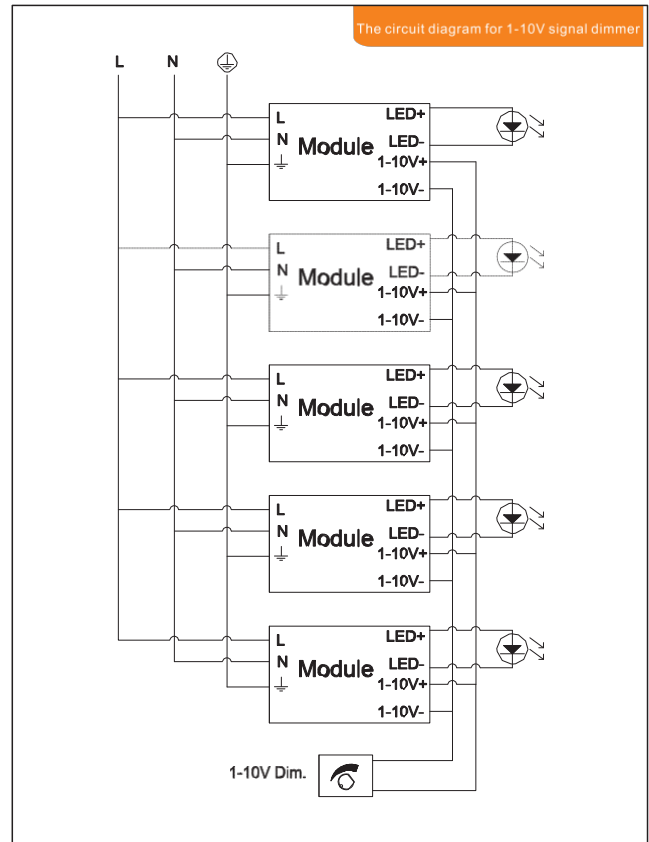
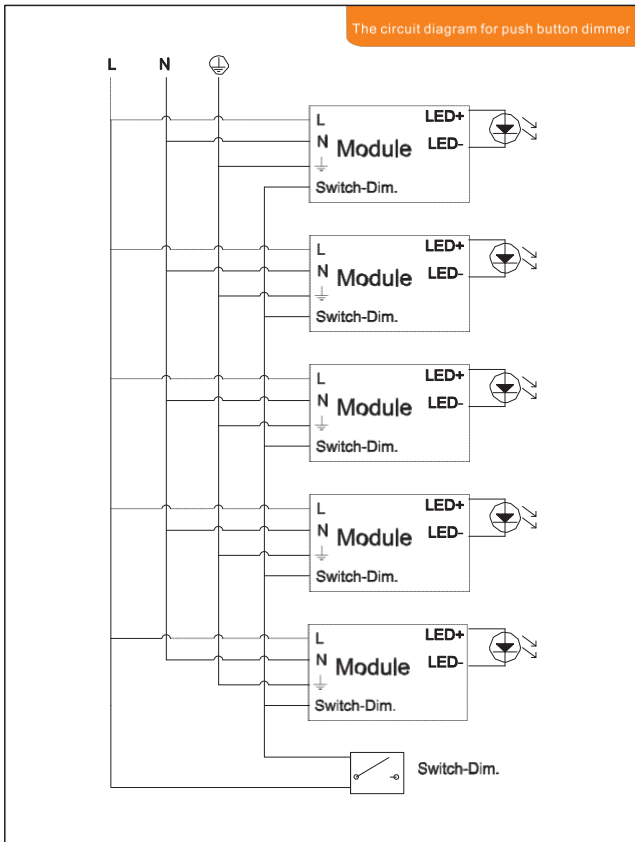
Multiple powers can dim the light synchronously: up to 10 dimmer controllers can function synchronously, and no any additional devices are needed in this process.

Two ways of connection: push button dimmer and 0-10V signal dimmer.

As shown in the following figure:

External constant current power supply series

The 60W Smart Dimming power



Technical parameters



Parameter Name	Model	Output Voltage (V)	Current output (MA)	Accuracy of current range	Conversion Efficiency (%)	Power Factor (%)	Shell size
60W Smart Dimming power	BK-PF-060W2A00-B17	40VDC Max	2000mA Max	±3%-5%	0.87	0.91	L123xW79xH30mm

Note: the above typical specifications, more specifications, please call consultation. Note: the above typical specifications, more specifications, please call consultation.

Range of AC Input Voltage	100-120VAC/200-240VAC
AC Inrush Current Test	Cold Boot, <50A&240VAC
Short Circuit Protection	Range: 110- 130% Rated Load Output/Model: Hiccup mode& Automatic recovery
Short Circuit Protection	Hiccup mode& Automatic recovery



Withstand Voltage	I/P-O/P:1750VAC 5mA
Operating Temperature	Operating Temperature -20- +50°C
Mean time between failures	>30000H MIL-HDBK-217F 25°C)
Meet the certification	CE UL CQC
Conform to Safety Standards	EN61347-1,EN61347-2-13
PF Value	≥0.91
Harmonic	≤18%
Conversion efficiency	88%
Connector	Ninput:orange 4-pin terminal Output: orange 4-pin terminal
Shell Size	L123xW79xH30mm
Product weight	250g
Packaging	66pcs/box Size:L450xW350xH180mm