

Analog control power supply

# Analog light control power supply

## IDPA series

Simplified analog light control power supply  
Release a compact 30W (IDPA-30M2)



### Simplified Analog Pulse Light Control Power Supply

#### IDPA series

Simplified analog light control power supply

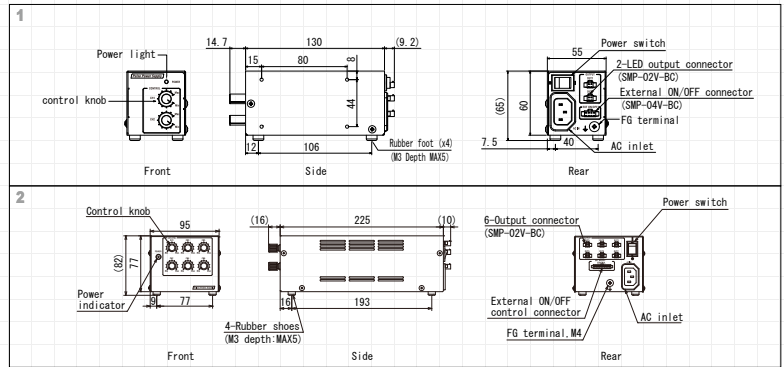


- ON/OFF control terminals as standard.
- An input voltage of AC 100 to 240V.(Power cable supplied as standard is for AC100V.)
- Capable of controlling light in the range of 0 to 100% with a PWM frequency of approximately 80 kHz. (Available with semi-fixed volume (H models).)

Model	IDPA-30M2	IDPA-50M6	IDPA-100M6
Input voltage	AC100~240V		
Operating Frequency	50/60Hz		
Rated Output	DC12V		
Capacity	30W	50W	100W
Channel numbers	2CH	6CH	6CH
Light Control Method	PWM approx. 80kHz		
External Control	External ON/OFF Control		
Drawing	1	2	

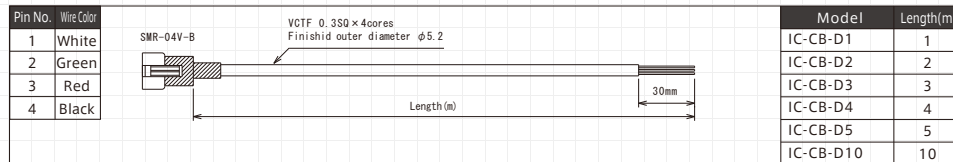
The models above are knob-controlled volume models. Semi-fixed volume models that are adjusted using a screwdriver are also available. For these models, the end of the model name is H.

\*For details on external controls, see page 78.



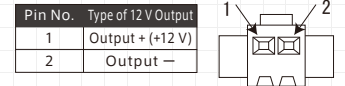
\*The knob shape of -H model is different.

### External ON/OFF cable IC-CB-D※(for IDPA-30M2)

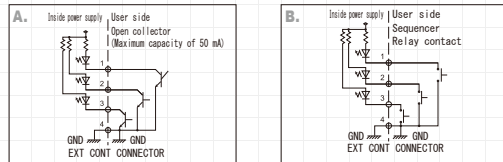


\*Cables are also available in lengths other than those indicated above. \*SM connectors are made by JST.

### LED output connector connector SMP-02V-BC



### Example of external ON/OFF connection (IDPA-30M2)



- A current of about 10 mA is applied between connector pins 1, 2, and 3 and pin 4.
- Use an open-collector circuit with a capacity of about 50 mA to be on the safe side.
- When short-circuiting between pins 3 and 4 in the external ON/OFF control connector, the connector is switched to the external control.(The LED lighting connected to the 2 channels is turned off.)
- When short-circuiting between pins 1 and 4 in addition to the above, the LED light connected to LAMP 1 is turned on.
- In the same way, when short-circuiting between pins 2 and 4, the LED light connected to LAMP 2 is turned on. (Switching of the external ON/OFF control is enabled on both channels at the same time.)

### Voltage Light Control Power Supply

#### IWDV-10S-V

Analog light control power supply that supports high-speed cameras



Model	IWDV-10S-V
Input voltage	AC100~240V
Operating Frequency	50/60Hz
Rated Output	DC12V
Capacity	10W
Channel	1

•Controls light by varying voltage itself for efficient performance when using LED lighting in conjunction with an ultra-high-speed camera or a line-sensor camera with a high-speed clock.

