

Constant current controller (I07)

LS-DC-I07 series · Light controllers · 25 models

Digital constant current controllers with flicker-free constant current output, real-time parameter saving, remote setting through RS232 and settable trigger level; 1, 2 and 4 channel versions for 24V/48V light sources.

Features

- Digital constant current controller
- Single-channel output current up to 2.5~12A
- Constant current output, flicker-free brightness
- Low trigger response time
- Parameters saved in real time, no need to set them at every power-on
- Remote parameter setting through RS232 serial port
- Trigger level can be set to adapt to different trigger modes
- Trigger debounce filter, stronger anti-interference
- Convenient installation: screw mounting or C45 rail
- Single-channel output current up to 2~5A



Common specifications

Baud rate	9600-115200bps optional
Control	Digital (4-digit display, buttons), RS232
Max input voltage	AC220V
Operating temperature	5~50°C
Strobe time	1~999ms
Trigger	External trigger, edge + level
Trigger mode	Edge + level trigger

Ordering code: LS-DC<built-in supply power W>-I07C-<max output voltage><max output current per channel>-1 (DC = digital current type, I07 series, C = RS232) | LS-DC<built-in supply power W>-I07C-<max output voltage><max output current per channel>-2 | LS-DC<built-in supply power W>-I07C-<max output voltage><max output current per channel>-4 | LS-DC65-I07C-<max output voltage>020-2A (DC = digital current type, I07 = digital constant current, C = RS232) | LS-DC<built-in supply power W>-I07C-<max output voltage>0<max output current per channel>-4A | LS-DC<built-in supply power W>-I07C-48030-4M (I07 = digital constant current, C = RS232, 48 = max output voltage, 030 = max output current per channel, 4 = channels)

Models

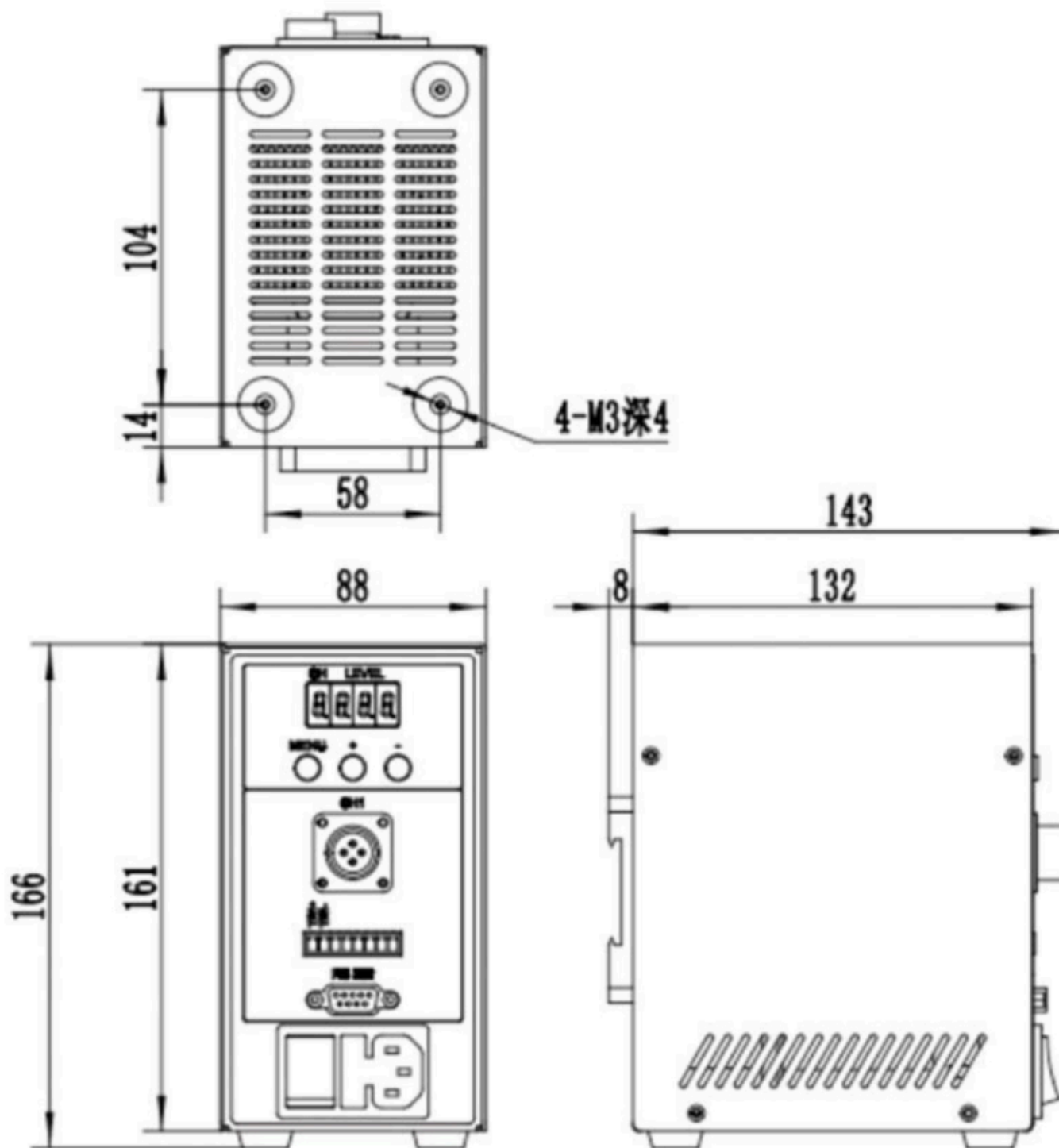
Model	Built-in power supply power	Number of channels	Connected light source type	Max output voltage	Working mode	Max output current per channel	Dimensions (mm)
LS-DC65-I07C-24025-1	65W	1	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166

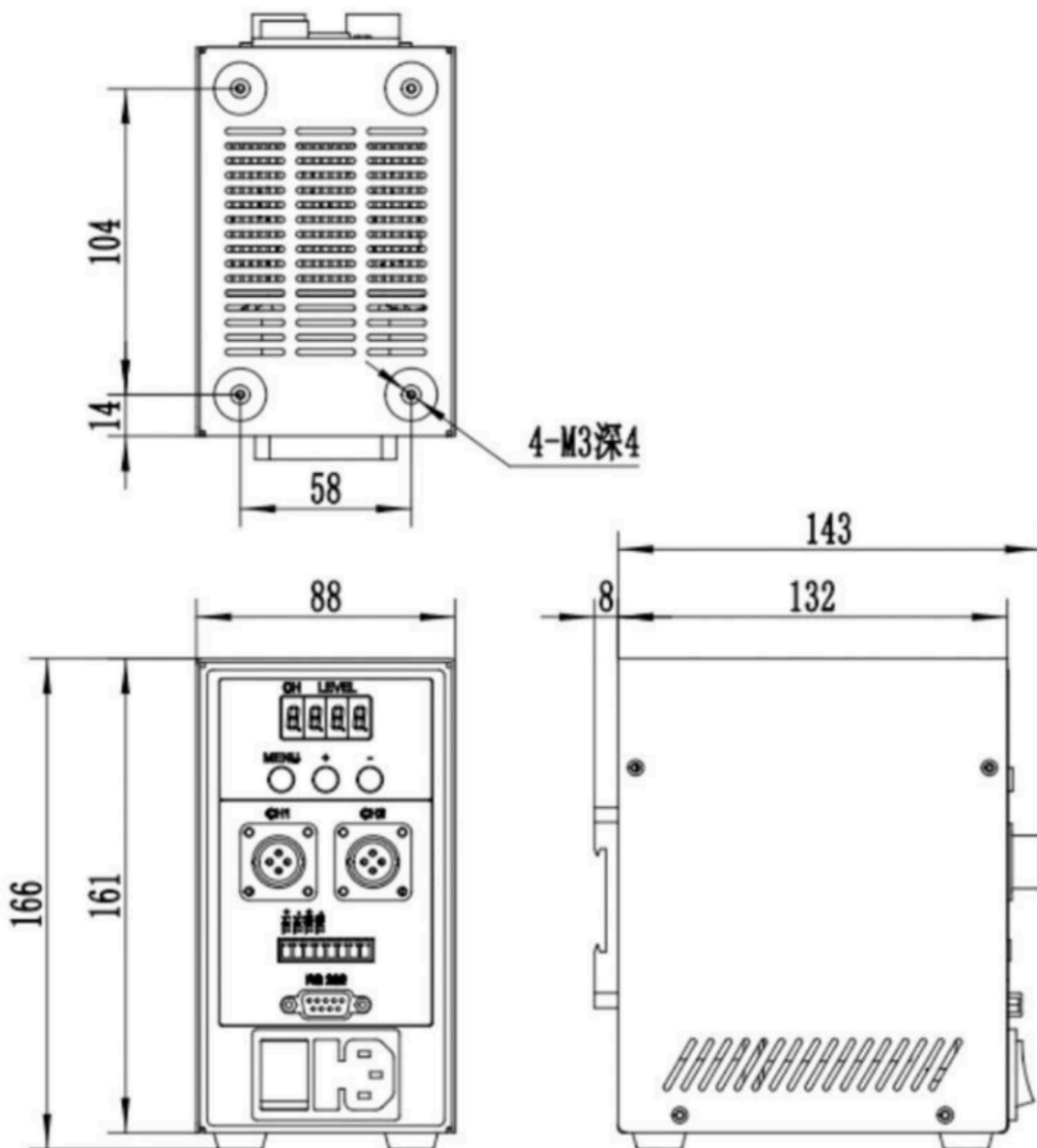
LS-DC120-I07C-24040-1	120W	1	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC120-I07C-48020-1	120W	1	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC200-I07C-24080-1	200W	1	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC200-I07C-48040-1	200W	1	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC350-I07C-24020-1	350W	1	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC350-I07C-48070-1	350W	1	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC65-I07C-24025-2	65W	2	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC120-I07C-24040-2	120W	2	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC200-I07C-48020-2	200W	2	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC350-I07C-24020-2	200W	2	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC350-I07C-24120-2	350W	2	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC350-I07C-48035-2	350W	2	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2.5~12A	88 x 151 x 166
LS-DC200-I07C-24020-4	200W	4	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2~5A	123 x 151 x 172
LS-DC350-I07C-24050-4	350W	4	24V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2~5A	123 x 151 x 172
LS-DC350-I07C-48020-4	350W	4	48V light source	24V/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2~5A	123 x 151 x 172

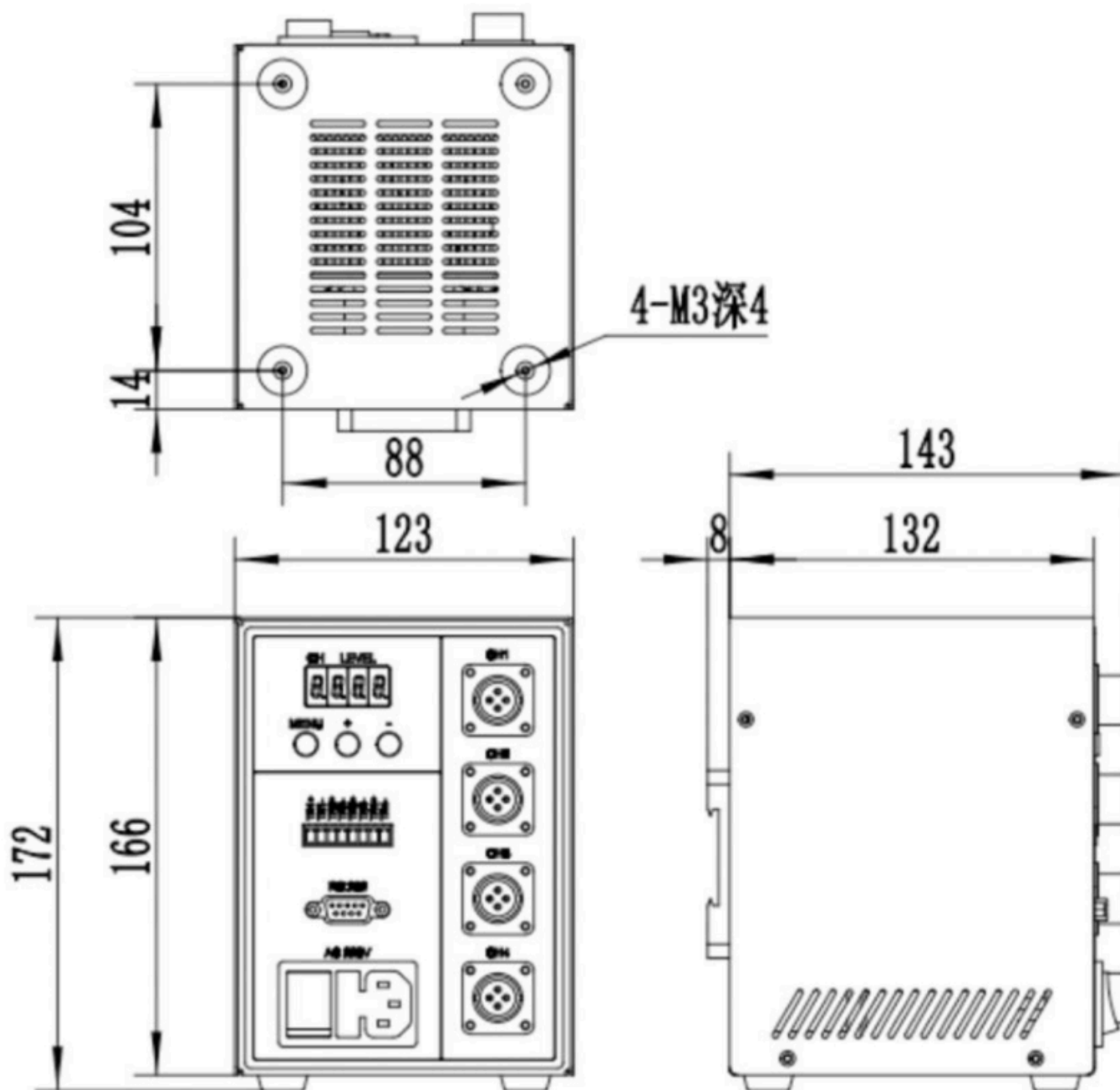
LS-DC65-I07C-24020-2A	65W	2	24V light source	24/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2A	90 x 147 x 175
LS-DC65-I07C-48020-2A	65W	2	48V light source	24/48V	0: normally extinguished, 1: normal light, 2: frequent flash, 3: trigger delay off	2A	90 x 147 x 175
LS-DC65-I07C-24020-4A	65W	4	24V light source	24/48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	1/2A	89 x 147 x 175
LS-DC120-I07C-24010-4A	120W	4	24V light source	24/48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	1/2A	89 x 147 x 175
LS-DC200-I07C-24020-4A	200W	4	24V light source	24/48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	1/2A	89 x 147 x 175
LS-DC120-I07C-48010-4A	120W	4	48V light source	24/48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	1/2A	89 x 147 x 175
LS-DC200-I07C-48020-4A	200W	4	48V light source	24/48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	1/2A	89 x 147 x 175
LS-DC450-I07C-48030-4M	450W	4	48V light source	48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	3A	149 x 337 x 153
LS-DC600-I07C-48030-4M	600W	4	48V light source	48V	0: constant off, 1: constant on, 2: strobe, 3: trigger delay shutdown	3A	149 x 337 x 153

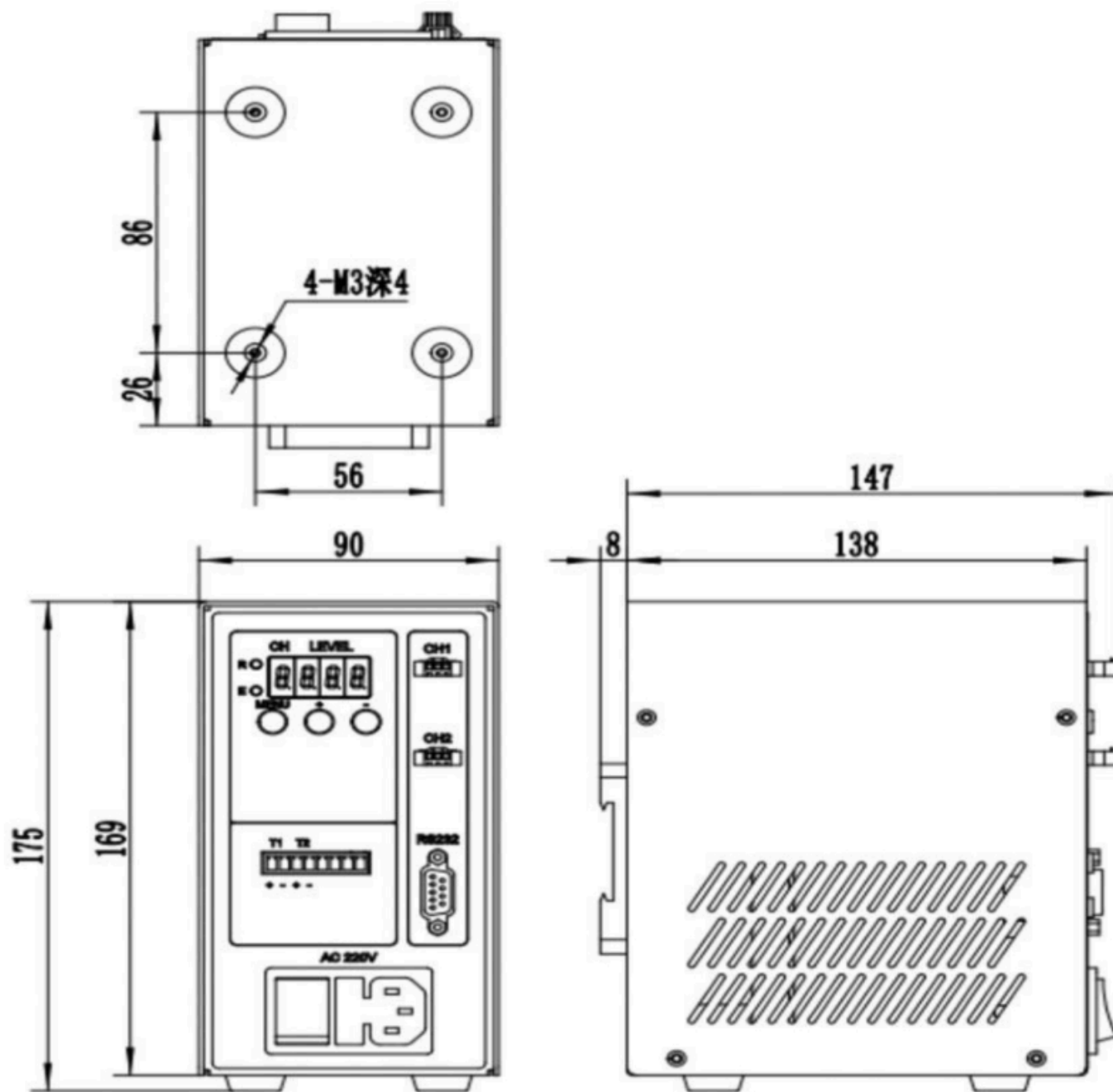
More values per model (Overheat protection, Short circuit protection, Light source interface, Luminous mode, Driving mode, Connected light source type (parameter table), Total output (W), Brightness levels) are on each product page.

Dimensions









Product views

