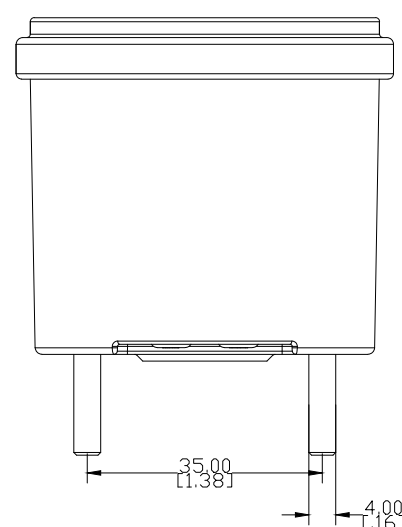
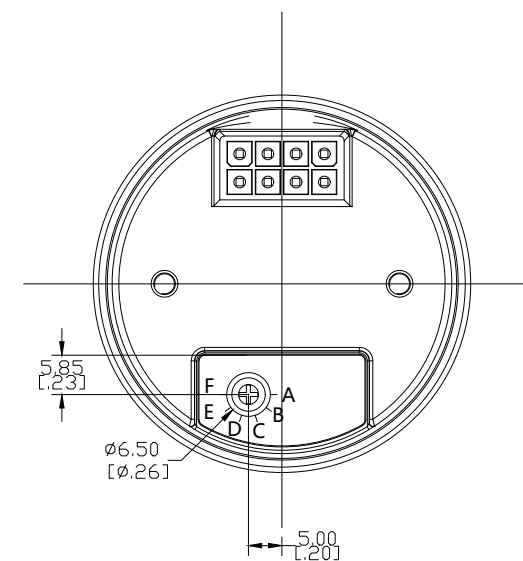


1/2	Low current output terminal
3/4	High current output terminal
5	Positive pole of power supply, connected to the positive pole of battery
6	Key switch, connected to the negative pole of battery
7	Positive pole of power input terminal, connected to the positive pole of power supply, range from DC 8-45V
8	Positive pole of power input terminal, connected to the positive pole of power supply, range from DC 18-60V



Items	A	B	C	D	E	F
Battery empty value	1.73	1.85	1.75	1.90	1.98	1.63
Battery full value	2.04	2.02	1.97	2.03	2.08	1.97
Charging voltage value	2.08	1.97	2.01	2.07	2.12	2.02

Items	Parameters
Operating voltage	DC 8-60V
Housing material	ABS
Operating temperature	-20 TO 65°C
Product dimension	φ56mm*65mm
Display window size	25.4mm*7.7mm
Waterproof level	IP65
Weight	108g

1.Display:

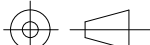
- Battery power display way: 10XLED lights, 1Xred light, 2Xyellow lights and 7Xgreen lights.

2.Battery testing function:

- When key switch is turned on, the gauge automatically recognizes the battery voltages-12V/24V/36V/48V as well as the remaining battery power.
- The delay display function of battery power: The battery power is going down one LED bar by one LED bar when discharging. The delay time among each LED bar is 155 seconds.The battery power is going up one LED bar by one LED bar when charging. The delay time among each LED bar is 200 seconds..
- It fits for 6 kinds of voltage discharge curves available.

3. Output function:

- When battery power $\geq 20\%$, the relay at High/Low current output ports will be turned on.;
- When $10\% < \text{battery power} < 20\%$, the relay at High current output port will be turned off, the relay at Low current output port will be turned on;
- When battery power $< 10\%$, the relay at High/Low current output ports will be turned off.;

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: <div><div><div>X±</div><div>.1</div></div><div>XX±</div><div>.02</div></div> <div>XXX±</div> <div>.005</div> <div>X±</div> <div>↑</div>	DRAWN	DATE	<div><div><div><div></div></div></div><div>Runleader®</div></div> <div>NINGBO JIANGBEI RUN LEADER ELECTRONICS CO., LTD</div> <div>WWW.RUN-LEADER.COM</div>			
	CHECKED	DATE				
	APPROVEO	DATE				
	MATERIAL N/A	PROJECTED VIEWS ARE 3RD ANGLE	TITLE Battery Indicator			
COMPUTER GENRATED DRAWING-NO MANUAL CHANGES ALLOWED	FINISH N/A		SIZE B	PART.NO. RL-BI011A		
	DO NOT SCALE DRAWING		STATUS DS4 DESIGN	SCALE NTS	SHEET 1 OF 1	PROJECT NO. 108