● Thank you for purchasing **KOSO Voltage meter**, before operating the unit, please read the instruction thoroughly and retain it for the future reference.

⚠ Notice

1. The LED meter is apply for **DC 12V**.
2. For installation, please follow the steps described in manual. Any damage caused by wrong installation shall be imputed to the users.
3. To avoid the short circuit, please don't pull the wire when installing. Don't break or modify the wire terminal.
4. Do not disassemble or change any parts excluding the manual description.
5. The interior examination or maintenance should be executed by our professionals.

◎ **SYMBOL NOTE**：

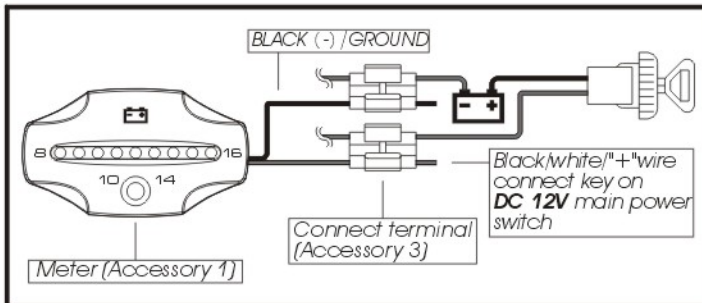| NOTE	You could get the installation details from the information behind the mark.
⚠**WARNING!**	Some processes must be followed to avoid the danger to yourself or the public.
⚠ **CAUTION!**	Some processes must be followed to avoid the damage to vehicles.

1-1 Accessory

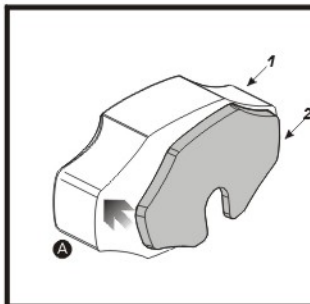| 1 Voltage Meter X 1	2 Twin adhesive X1	3 Connect terminal X 2

NOTE	Please contact the local distributor if the items you open are not the same, with the above-listed one.

2-1 Wiring installation instructions

BLACK (-) /GROUND

Black/white/"+"wire connect key on **DC 12V** main power switch

Connect terminal (Accessory 3)

Meter (Accessory 1)

NOTE	Please connect the harness with the original wire.

2-2 Installation instructions

When installing, please follow the process.

1. Meter (Accessory 1)
2. Twin adhesive (Accessory2)
Ⓐ Please stick twin adhesive (Accessory 2) on back side of meter as arrow showing.
3. Stick voltage meter on the location where you would like meter install on.
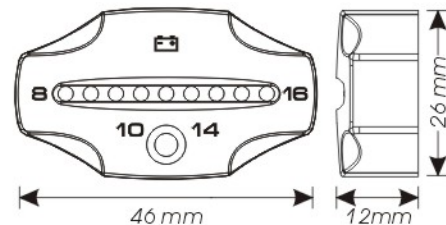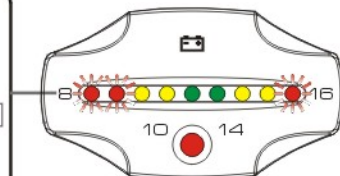
Extreme high/low voltage alarm
● The voltage below DC10V
● The voltage over DC16V
> The LED showing on red and flash
⚠ **CAUTION!** Mush change battery immediately.

High/Low voltage warning
● The voltage between DC10~11V or 14~15V
> The LED showing on Yellow
⚠ **CAUTION!** The voltage of battery is not stable.

● Voltage indicator	Display range : DC 8~16V
	Display unit : DC 1 V
● Safe voltage display range	The LED zone of DC12~13V
	The LED showing on Green
● **Effective voltage**	**DC 12V**

● Effective temperature range	-10~ +60°C
● Meter standard	JIS D 0203
● Meter size	46 X 26 X 12 mm
● Meter weight	Around 24. 2 g

NOTE Design and specification are subject to change without notice!

wh000bh001