

Specifications

YNT-43 Smart Touch Display



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Editor	Changqing Cao	Customer name	
Checker	Hongwei Guo	Product model	YNT-43-16510037
Approver	Ke Mao	Customer back signature:	
Release date	2022-05-26		
Release version	V01		

I.Summary

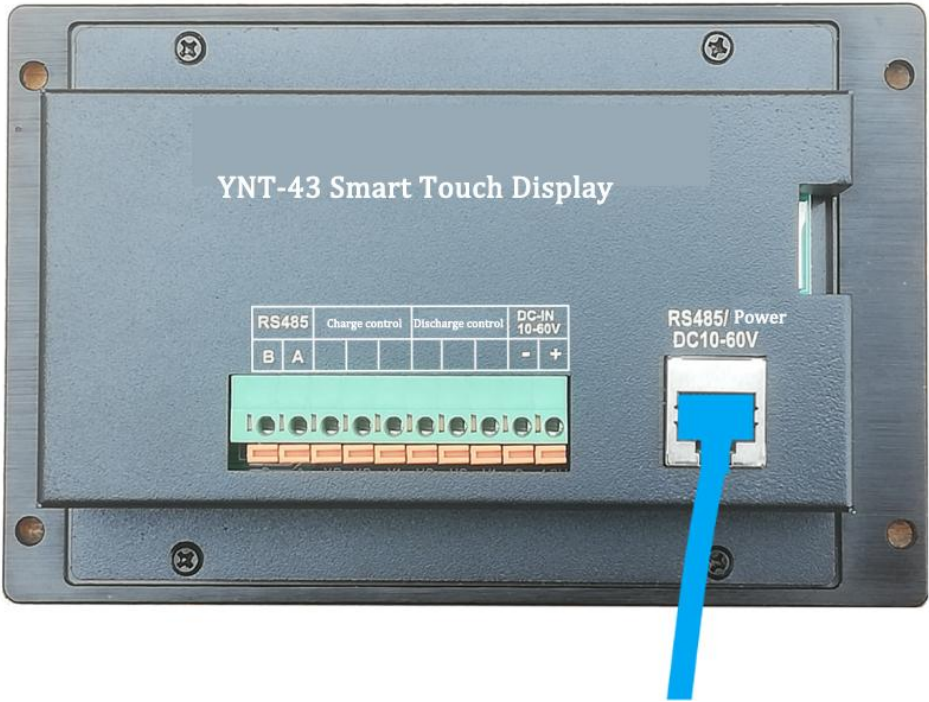
This specification is suitable for **YNT-43-16510037** developed by Chengdu Uni-Link Energy Development Co., Ltd. , and its appearance size, characteristics, technical requirements and precautions are described.

II.Parameters

No.	Item	Description
1	Operating voltage	DC10-60V
2	Operating power consumption	1.8W
3	Sleep power consumption	0.6W
4	Sleep	No touch 30s sleep
5	Communication protocol	RS485
6	Display color	262K
7	Dpi	800*480
8	Display size	4.3in 93.60mm (L)×56.16mm (W)
9	Visual Angle	Wide Angle of view, Typical value 85° /85° /85° /85° (L/R/U/D)
10	Luminance	250nit
11	Backlit life	>10000 hours (Work continuously at maximum brightness)
12	Touchscreen type	Capacitive touch panel
13	Touch mode	Single point touch, support continuous sliding touch
14	Number of touches	>1,000,000 t
15	Operating temperature	-20℃~60℃
16	Storage temperature	-25℃~70℃
17	Operating humidity	10%~90%RH, Typical value 60%RH
18	Dimension	165mm(L)×100mm(W)×37mm(H)
19	Mounting opening size	130mm(L)×67mm(W)
20	Weight	350g

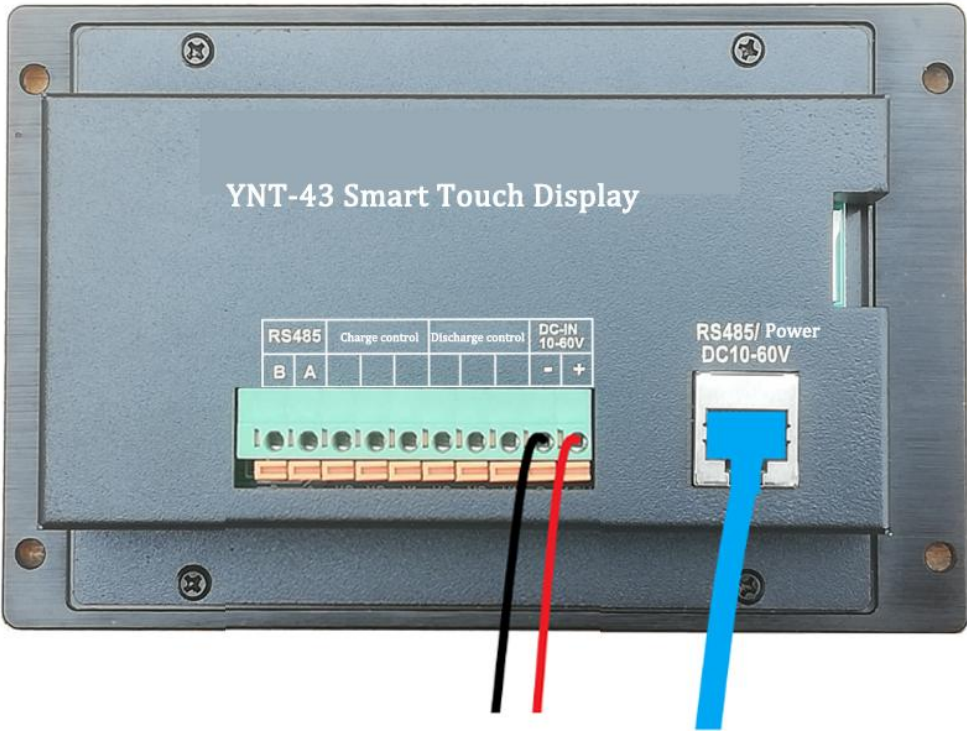
III. Connection mode

The first kind:



Battery 485 Communication cable (with power supply)

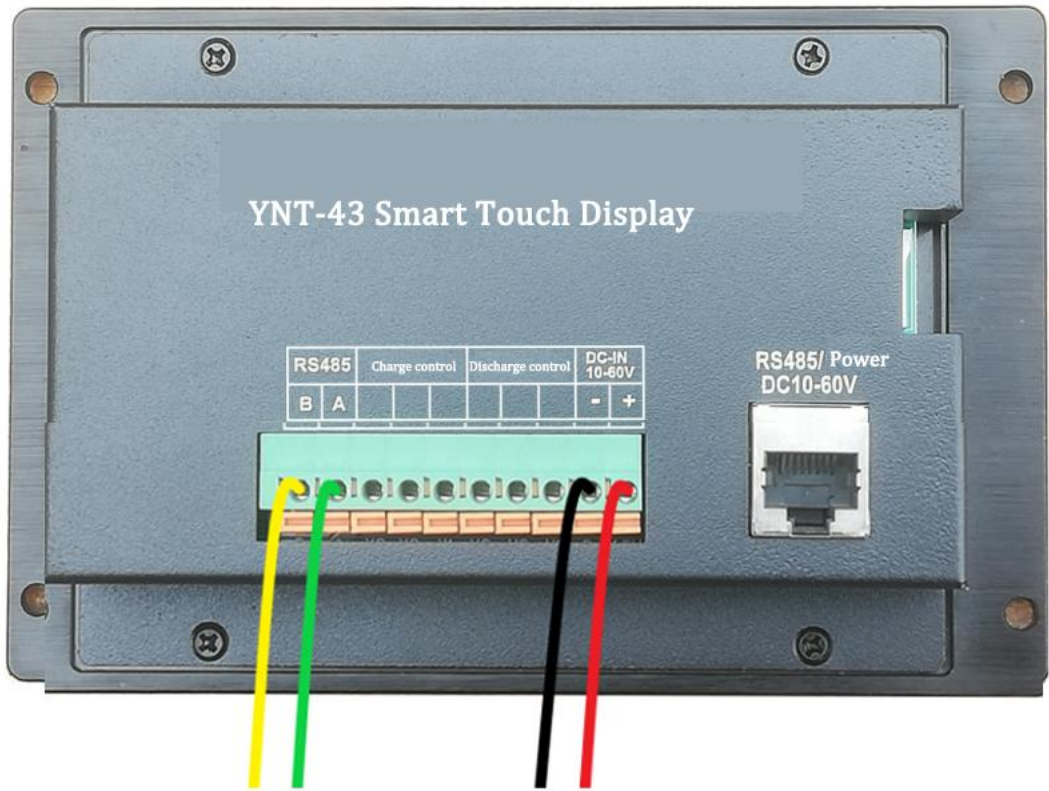
The second kind:



Power cable (DC 10-60V)

Battery 485 communication cable

The third kind:

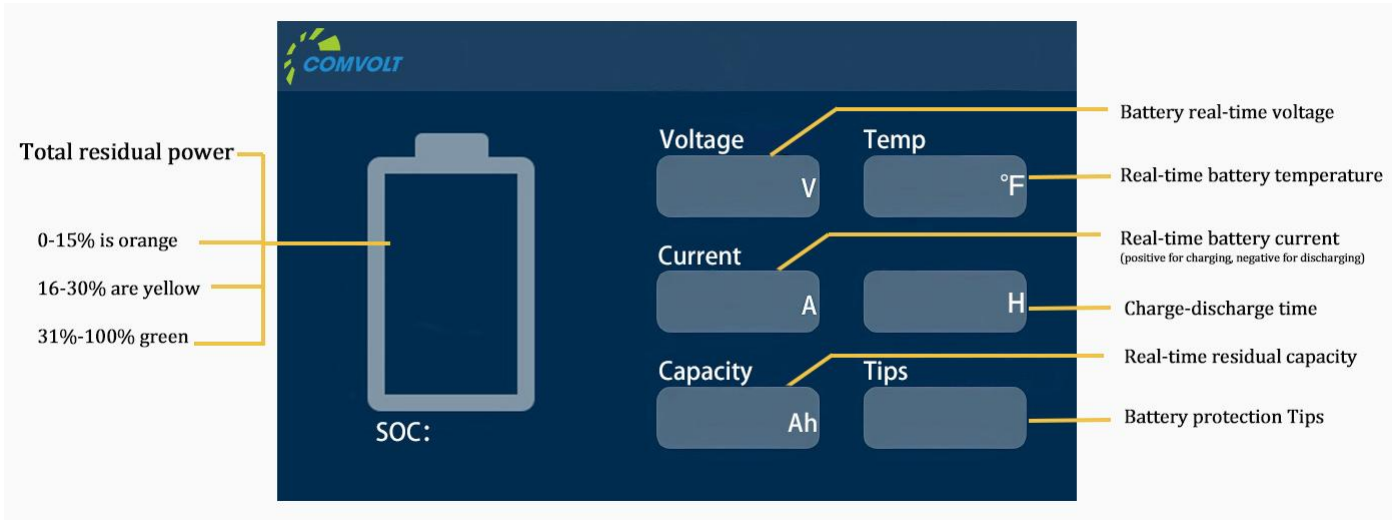


Battery 485 communication cable Power cable (DC 10-60V)

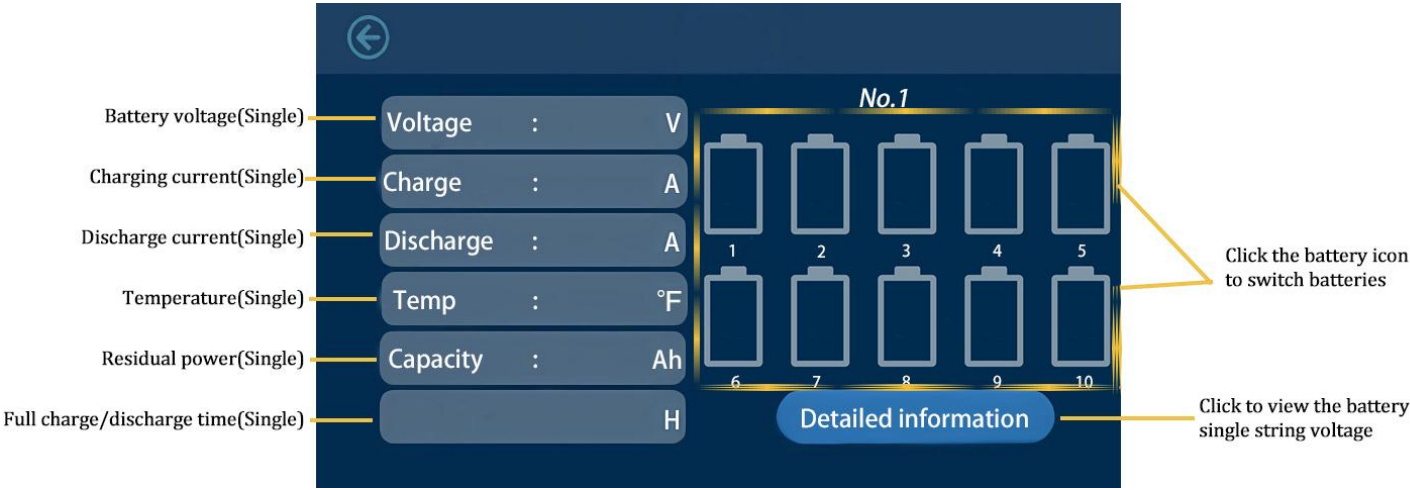
IV.Display screen

4.1Interface description

Main interface



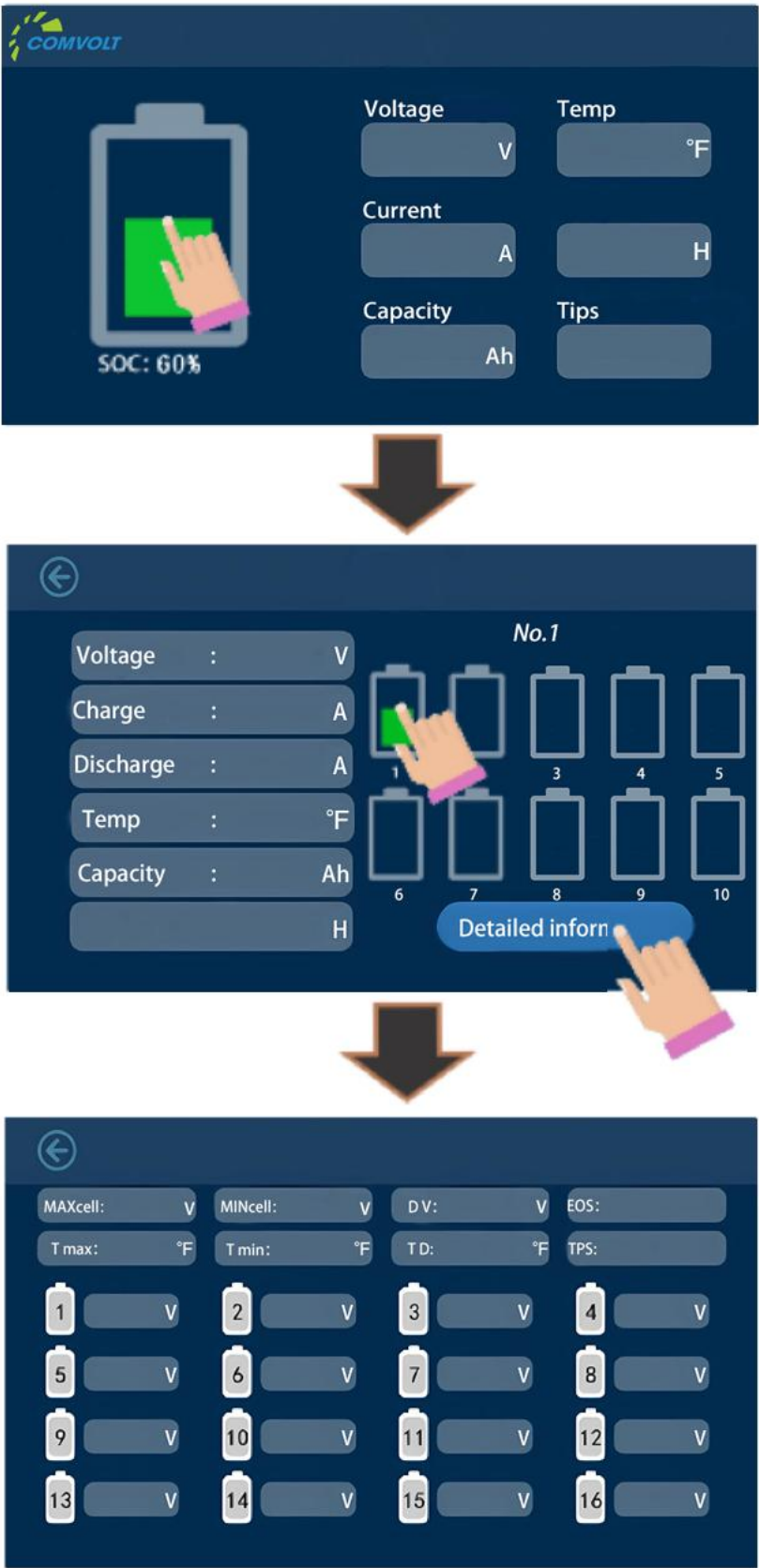
Subinterface 1



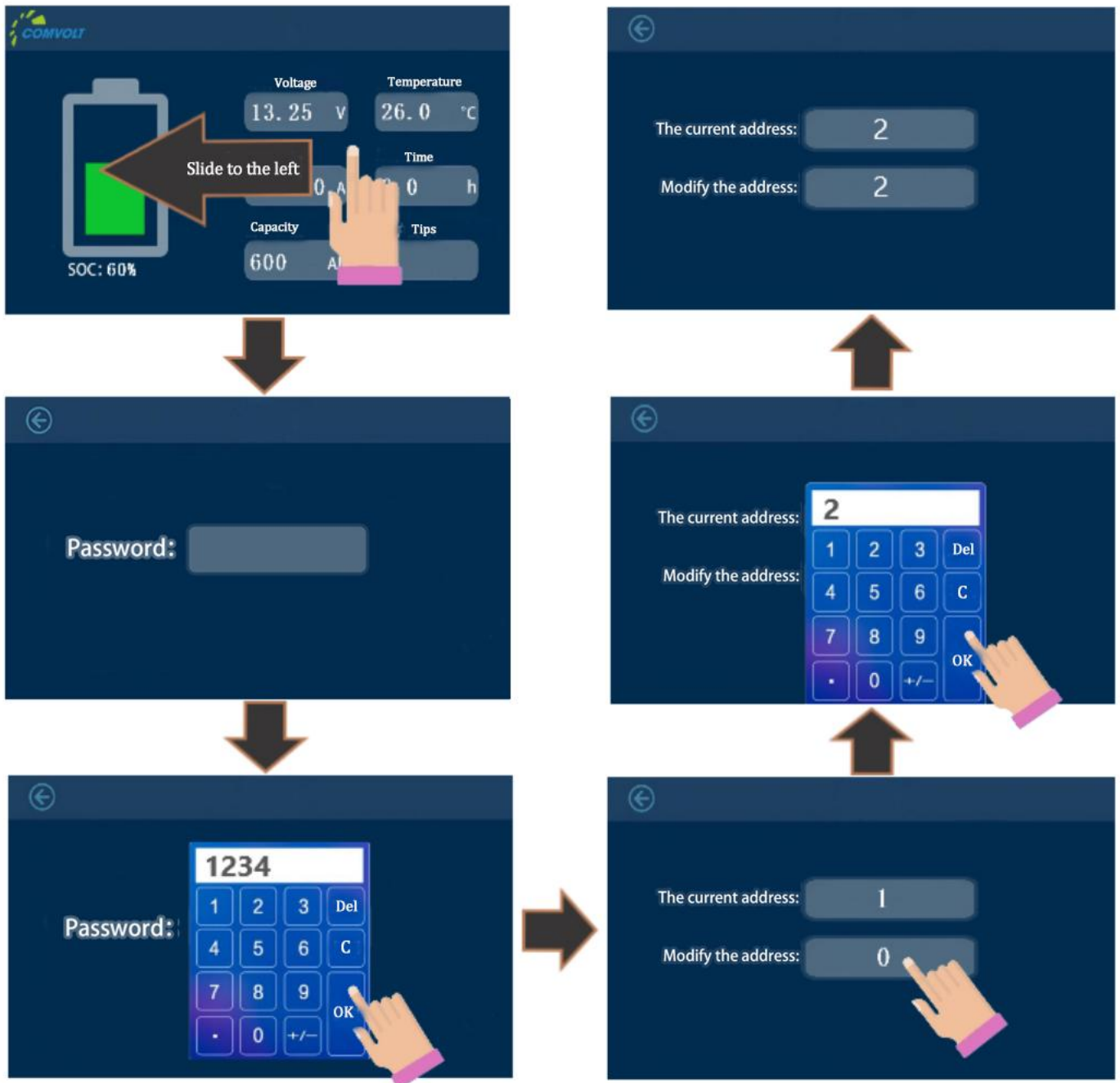
Subinterface 2



4.2 View information about each battery



4.3 Change the battery communication address

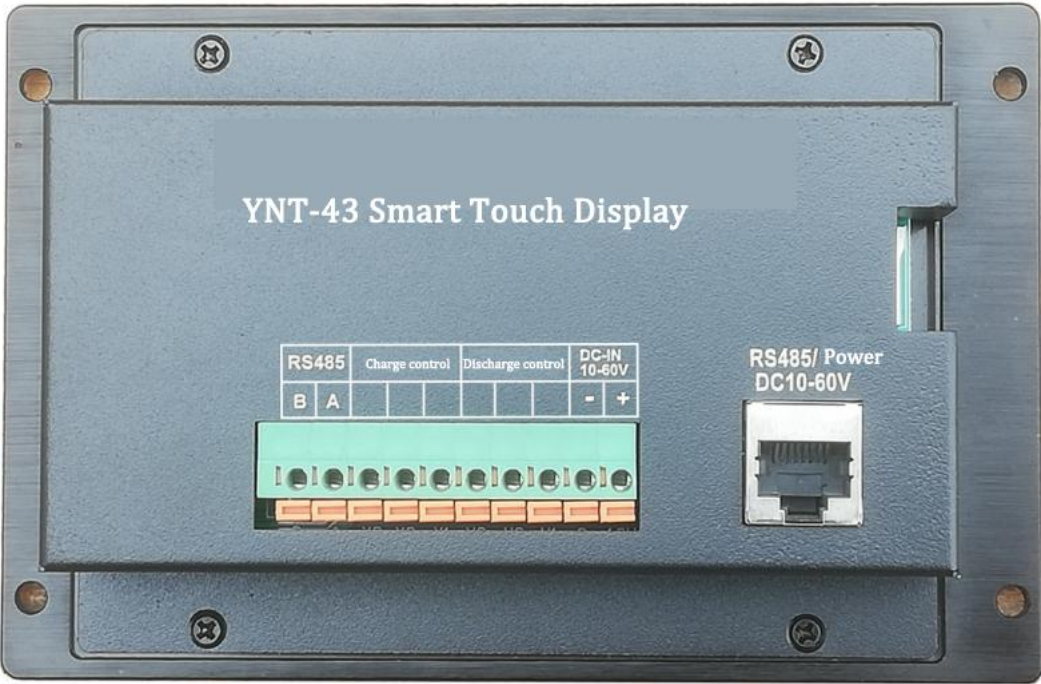


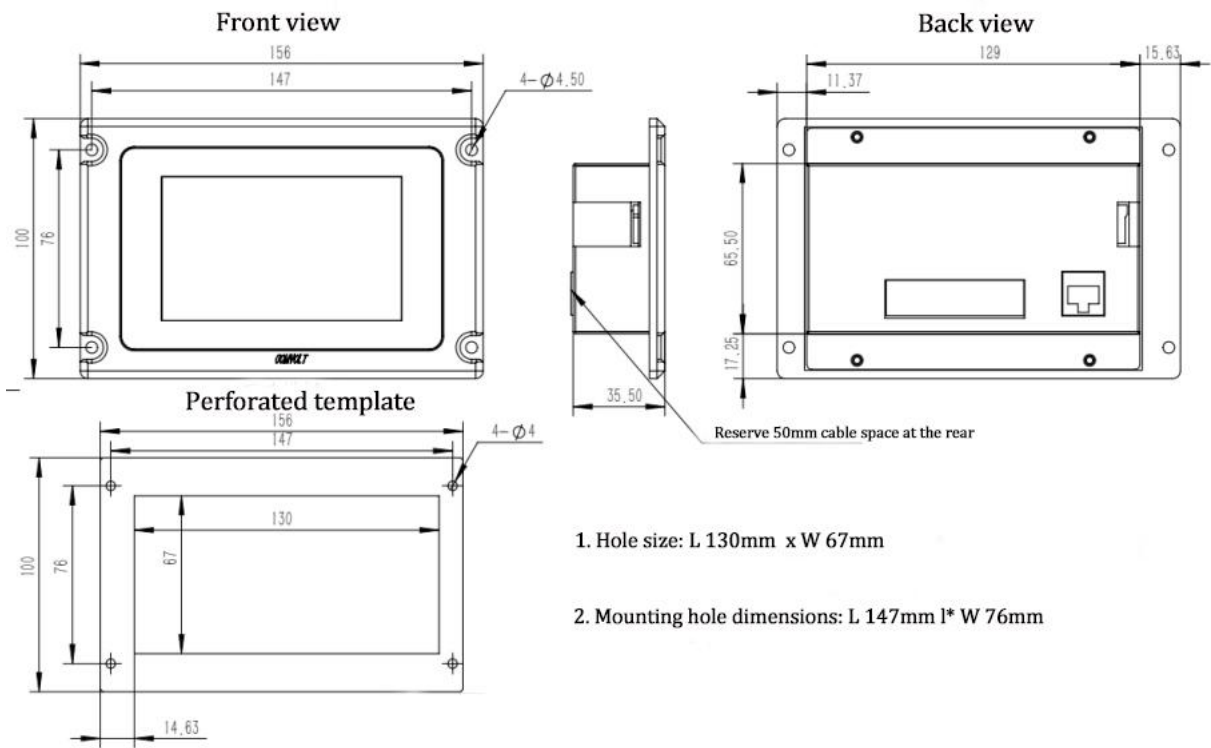
NOTE:485 network battery communication address connected to the display starts from 1 and cannot be repeated (the default battery communication address is 1 when shipping).Only one battery group can connect to the display screen to change the communication address, and after the communication addresses of all batteries are changed, connect them to the display screen using network cables.

V.Battery 485 networking diagram



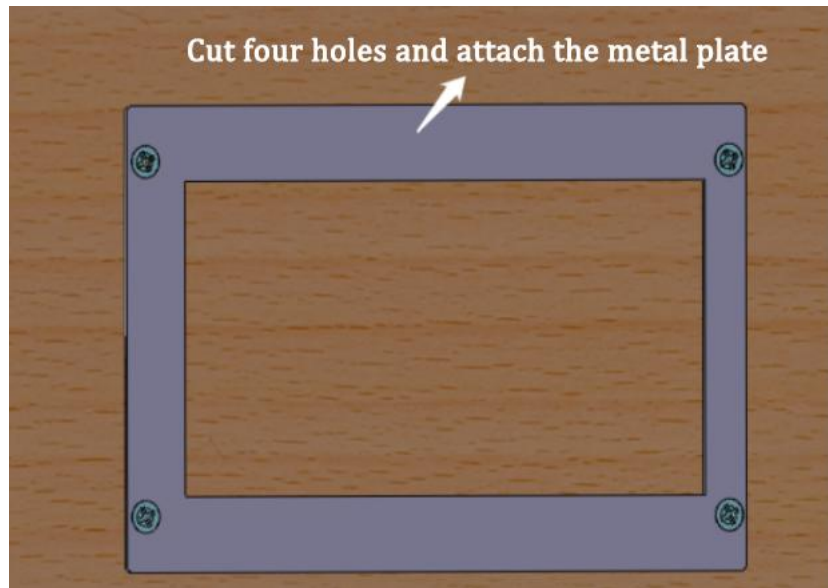
VI.Structural&dimension



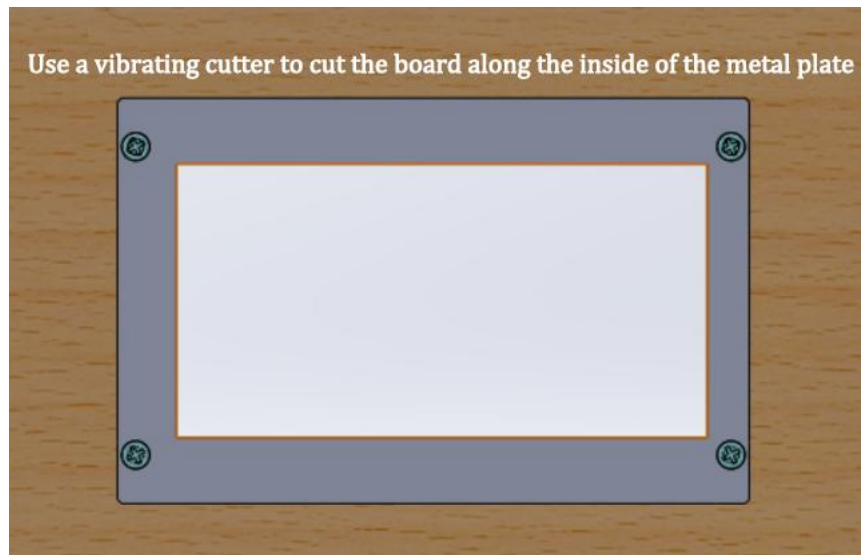


VII.Installation procedure

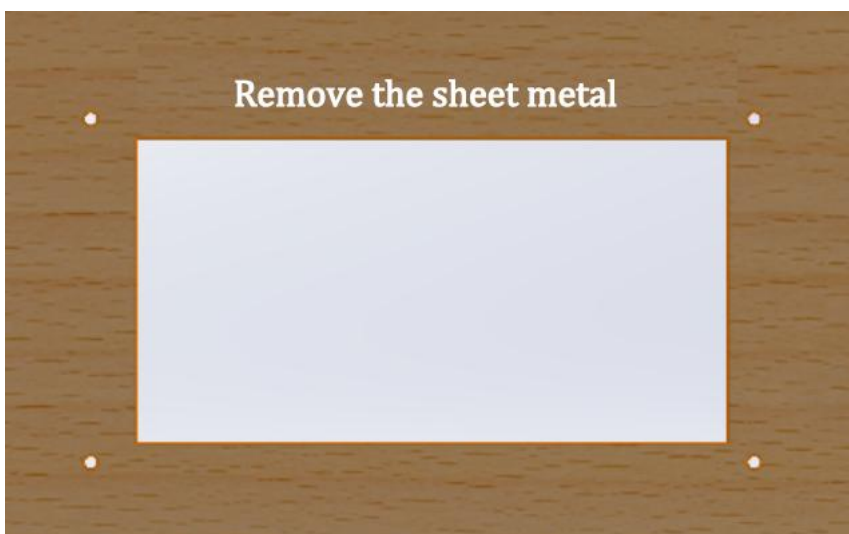
The first step:



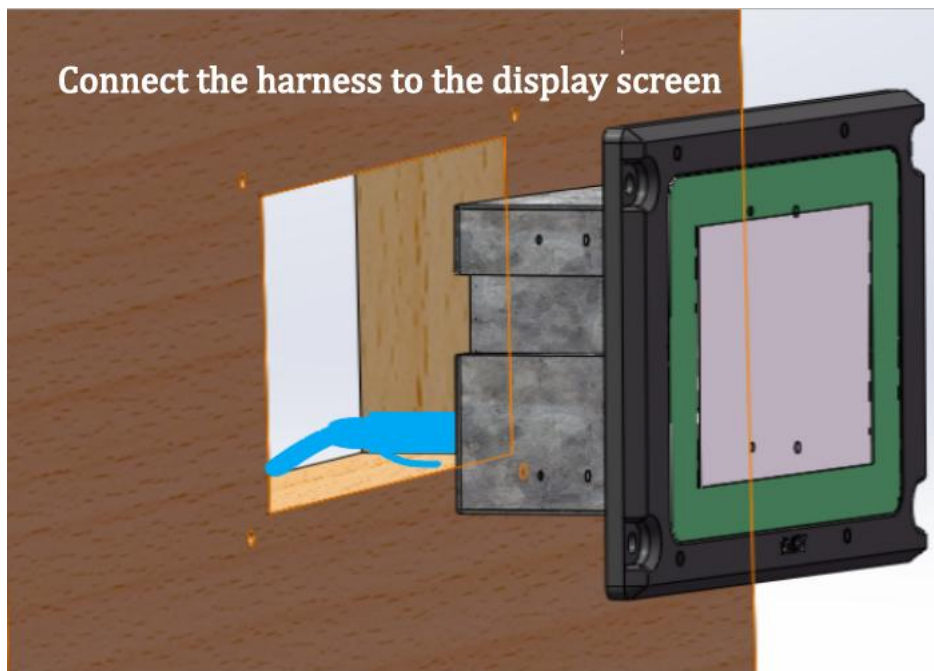
The second step:



The third step:



Step four:



Step five:

