
Product Specification

August 2014

Product: Super thin LED display

Model: APT300V

Customer Type:300V

Client:

Customer

audit:

Supplier: Tianjin APT Science and Technology Co., Ltd.

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Approval:

1 Summary

1.1 Product Name:

Super thin LED display



4-cell waterproof connector



1.2 Product Type:

APT300V

1.3 Supplier

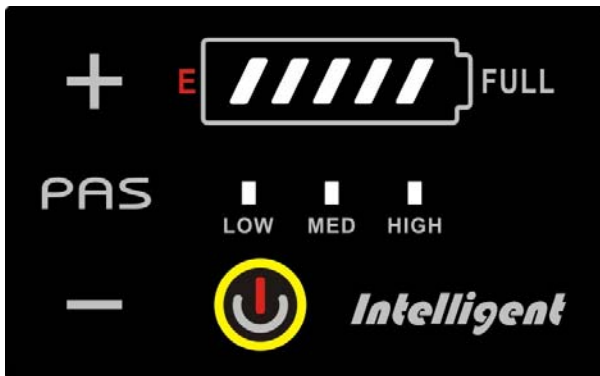
Tianjin APT Science and Technology Co., Ltd.

1.4 Functional description

✧ Voltage:24V、36V

- ✧ PAS level 0-3, 0 means no power assist
- ✧ Smart battery indicator
- ✧ WALKING mode (6km)
- ✧ Rated operating current :30mA
- ✧ Max operating current : 50mA
- ✧ Output current to the controller : 50mA
- ✧ Off leakage current < 1uA
- ✧ Operating temperature: -10 ~ 60 °C.
- ✧ Storage Temperature: -20 ~ 80 °C.
- ✧ 90% relative humidity, non-condensing.

1.5 Display's film icon



2 Introductions



2.1 Battery indicator:





2.2 PAS level display











3 Functional introduction

- ✧  button : Open / close the vehicle power.
- ✧  button : Press the button to increase the PAS level.

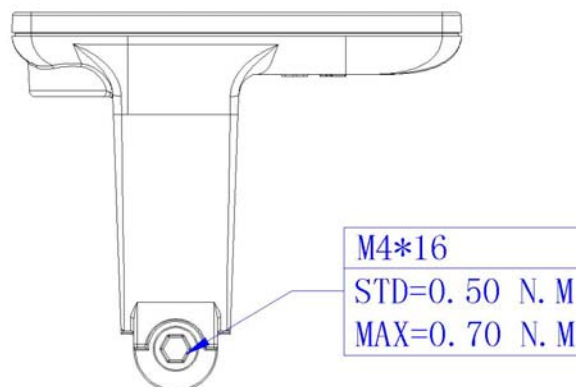
- ✧  button : Press the button to decrease the PAS level.
- ✧  button : Press and hold this button for 1.5 seconds to enter the WALK mode.

4 Battery voltage setup

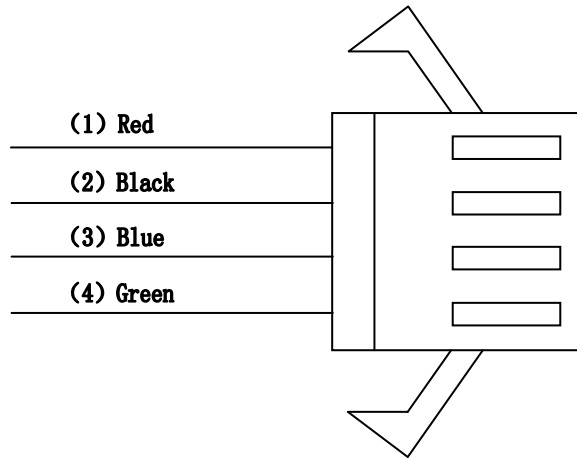
Press and hold button  when turn on the display (press ) , the display get into voltage setup state, **LOW** led is twinkling , press  button to setup the voltage (press and hold button  at the same time), 2 lights of the battery indicator turn on means 24V , 3 lights of the battery indicator turn on means 36V , release the  button will finish setup.

5 Assembly instructions

Please pay attention to the screw's torque value, damaged caused by excessive torque is not within the scope of the warranty.



6 Wire instructions



- 1、 Red wire : Anode(24v/36v)
- 2、 Black wire : GND
- 3、 Blue wire : Output PAS signal to the controller (display ->controller)
- 4、 Green wire : Power cord to the controller

7 PAS level output voltage specifications

Display output voltage signal to the controller through the blue wire

PAS level	voltage (± 0.5)	speed (Km/h)
0	0.0V	No power assist
1	1.0V	
2	2.0V	
3	3.0V	
WALK	4.0V	6Km walk

8 Certification

CE / IP65 (water proof) / ROHS.