



POWERTECH



12-24V BATTERY TESTER QP-2263 User Manual



12-24V BATTERY TESTER USER MANUAL

Introduction:

QP-2263 is an electrical product, which can show the battery voltage of car with LCD + LED display.








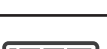

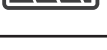



Technical data:

Input Voltage: 12V / 24V Battery

Operating Introduction:

1. Insert standard cable to connect to the car battery on the input DC socket, then the status of the battery will be shown on the corresponding LED / LCD display.
2. Press backlight button, LCD blue backlight will turn on.
3. When power on, LCD backlight lights blue for 5S, then turns off.
Each time you press the button, LCD backlight lights blue for 5S, and then turns off.
4. For the 24V,12V switch, turn on, display DC 12V or DC 24V.
5. Detail please refer below.

TESTER DATA: TOLERANCE $\pm 0.2V$

Turn the switch to 12V and test 12V Battery					
Voltage of battery				LED Indication	Remark
<5.0V	No Indication	No Indication	No Indication	RED LED On	Battery voltage is less than 5.0V charge immediately or replace
5.0V - 11V	No Indication	No Indication	5.0V - 11V	RED LED On	Battery Voltage is less than 11.0V charge immediately
11V - 12V		No Indication	11V - 12V	RED LED Off	Battery at poor situation to recharge immediately
12V - 12.5V		No Indication	12V - 12.5V	RED LED Off	Battery at fair situation can be used but recharge soon
12.5V - 13V		No Indication	12.5V - 13V	RED LED Off	Battery at fair situation can be used but recharge soon
13V - 13.7V		No Indication	13V - 13.7V	RED LED Off	Battery fully charged ready to used
13.7V - 14V			13.7V - 14V	RED LED Off	Charging Sytem is working properly
14V - 15V			14V - 15V	RED LED Off	Charging ongoing but battery will be full soon
15V - 17V		 (flashing)	15V - 17V	RED LED Off	Battery is probably overcharged
>17V	No Indication	No Indication	EA	RED LED Off	



Turn the switch to 24V and test 24V Battery					
Voltage of battery				LED Indication	Remark
<5.0V	No Indication	No Indication	No Indication	RED LED On	Battery voltage is less than 5.0V charge immediately or replace
5.0V - 22V	No Indication	No Indication	5.0V - 22V	RED LED On	Battery Voltage is less than 11.0V charge immediately
22V - 24V		No Indication	22V - 24V	RED LED Off	Battery at poor situation to recharge immediately
24V - 25V		No Indication	24V - 25V	RED LED Off	Battery at fair situation can be used but recharge soon
25V - 26V		No Indication	25V - 26V	RED LED Off	Battery at fair situation can be used but recharge soon
26V - 27.7V		No Indication	26V - 27.7V	RED LED Off	Battery fully charged ready to used
27.7V - 28.7V			27.7V - 28.7V	RED LED Off	Charging Sytem is working properly
28.7V - 30V			28.7V - 30V	RED LED Off	Charging ongoing but battery will be full soon
>30V			>30V	RED LED Off	Battery is probably overcharged

WARNING

If the wrong polarity of the battery is used with the product, the product will be protected, and without LED display. Please disconnected the product, check the polarity and reconnect.





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