



**? Are you still using normal USB charger?**



**? Have you ever not started your car?**



**? Do you know your car battery condition?**

Here we are giving you the answer:

### **【Taichi 2in1 USB Charger】**

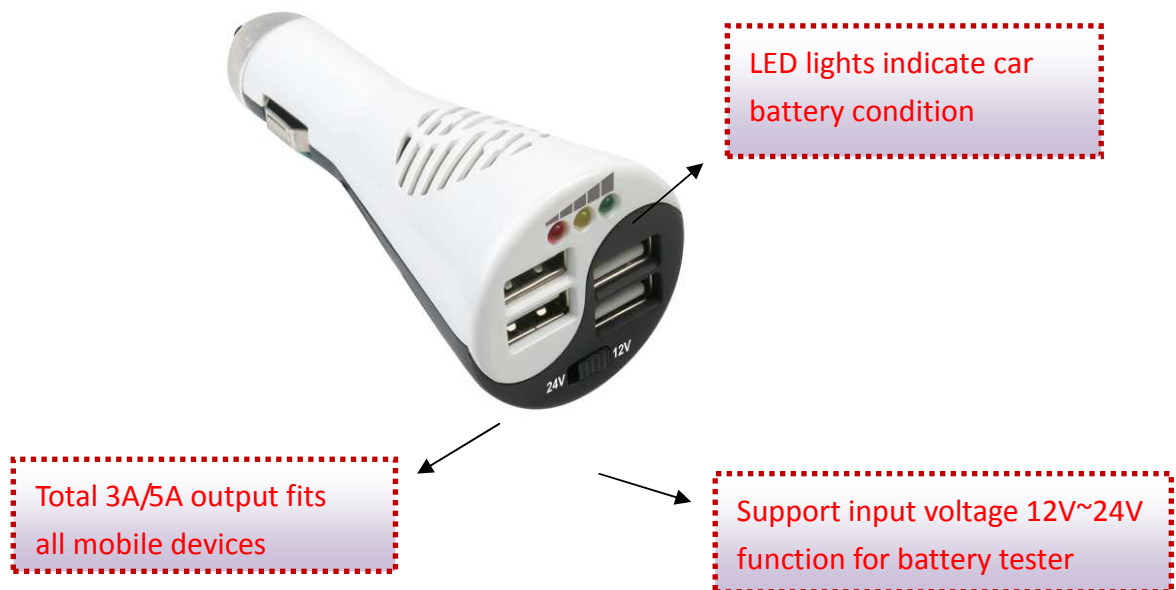


**= Innovative combination, charger and tester =**

TITAN, your best choice for USB chargers. We have an innovative combination, starting with [USB charger and car battery tester](#). USB charger is more important for achieving electrical power from a vehicle in this modern life. Our goal, creating an incredible combination while adding another function on it, is to achieve you effective usage without doubt on car battery condition. No more worry about car battery and power of your portable devices. Start taking Taichi 2in1 USB charger into your car to charge your smart phone or tablet PC during driving.

### <Features>

This 2in1 USB charger features three LED lights to present your car battery life condition. With car battery detecting function at the same time, we could avoid running out car battery. Support 12V~24V input voltage switch function for car battery tester depends on car output demands as well. For charger function, total 3A for 2ports charger and 5A for 4ports charger fit all mobile devices to satisfy your multi-demands.



### Noted:

1. Before igniting the car, LED lights indicate the car battery condition
2. Please start your car right away if only red light turns on.

## <Feature Indication>



12V/24V switch function



### Usage:

Support input voltage 12V~24V  
depending on car output when you  
need to detect the battery condition



USB ports satisfy different devices  
charging at the same time



Total 5A for 4port, available for two tablets  
and two smart phones

Total 3A for 2port, available for one tablet  
and one smart phone



Car battery tester



### 12V Battery Condition:

**RED** : under 11.8V (poor )

Battery is weak and may soon fail.

**RED/YELLOW**: 11.8~12.4V (normal)

**RED/YELLOW/GREEN**: 12.5 (good )

### 24V Battery Condition:

**RED** : under 24.0V (poor)

Battery is weak and may soon fail.

**RED/YELLOW**: 24.0~25.1V (normal)

**RED/YELLOW/GREEN**: 25.2V (good)

**\*\*** Deviation is about 0.1 or 0.2V








TITAN always tries to offer our best for you. This Taichi 2in1 USB charger is our innovative combination and your best one charger. Like the above detailed features, Taichi 2in1 USB charger is not only offer you multi-charging function, but also let you defect the car battery at the same time. It totally makes a revolution for charger.

### 【Important knowledge for monitoring voltage】

Normal car battery voltage is over 12V, and operating voltage  $14V \pm 0.5V$  appears after starting the generator; If voltage is under 12V when you turn the power on, it should be the problem of weak car battery, electric leakage on circuit or long term without igniting the car.

11V or lower voltage should not appear at the moment igniting the car. If voltage is under 11V, we need to start the generator to charge it or change a new one depending how long we bought the battery (except long term without usage)

### 【Car Battery Capacity Reference】

Capacity	12V car battery	LED Light
100 %	$V > 13.0V$	
90 %	$12.8V < V < 13.0V$	
80 %	$12.6V < V < 12.8V$	
70 %	$12.4V < V < 12.6V$	
60 %	$12.2V < V < 12.4V$	
50 %	$12.0V < V < 12.2V$	
40 %	$11.8V < V < 12.0V$	
< 40%	$V < 11.8V$	