

# USB Charger Receptacle

Convenient and efficient charging  
More Safty



# Applications

- Residential - Kitchens, bathrooms, garages, basements, laundry rooms, wet sinks and other wet locations around the house
- Educational Facilities - Classrooms, restrooms, laboratories, dormitories and kitchens
- Airports - Public bathrooms, general-use and maintenance areas
- Restaurants, Lodging and Retail Malls - Public bathrooms, general-use and maintenance areas
- Commercial Offices - Bathrooms, basement areas, hallways and kitchen facilities
- Public Areas - Wherever receptacles are located near wet or damp locations



# Benefits

- Short circuit protection;
- Overload protection;
- Multiple protection functions
- Overcurrent protection;
- Overcharge protection;
- Anti filling protection;
- Reverse charge protection;

## Advantage:

EMI Testing passed (Strong anti-interference ability);  
Standby energy consumption: <50mW (90VAC~135VAC) ;  
Accurate constant voltage: ( $\pm 0.5\%$ @90VAC~135VAC  $I_o = 4.2A$ ) ;  
Accurate constant current: ( $\pm 0.5\%$ @230VAC,  $V_o = 3\sim 5V$ ) ;  
Meet the 6 level energy efficiency requirements;



## Features



### Tamper-Resistant

**TR**  
Tamper  
Resistant

Helps keep children safe.  
Helps prevent insertion of foreign objects.  
Children insert objects into the socket such as screw driver, knife or copper wire can not make the TR shutter open, unless the plug insert into with both pins.

### Self-Protection Function

The USB will cut the power off once charging current exceeds its maximum value supply to protect the safety of the device you are charging, Intelligent chip control.

### Weather-Resistant

**WR**  
Weather  
Resistant

Automatic shutter system prevents young children from inserting unwanted objects into the outlets. Constructed with advanced UV stabilized engineering to provide superior corrosion, temperature, and UV resistance, preventing from discoloration and aging, ideal for outdoor use.

## Easy Installation

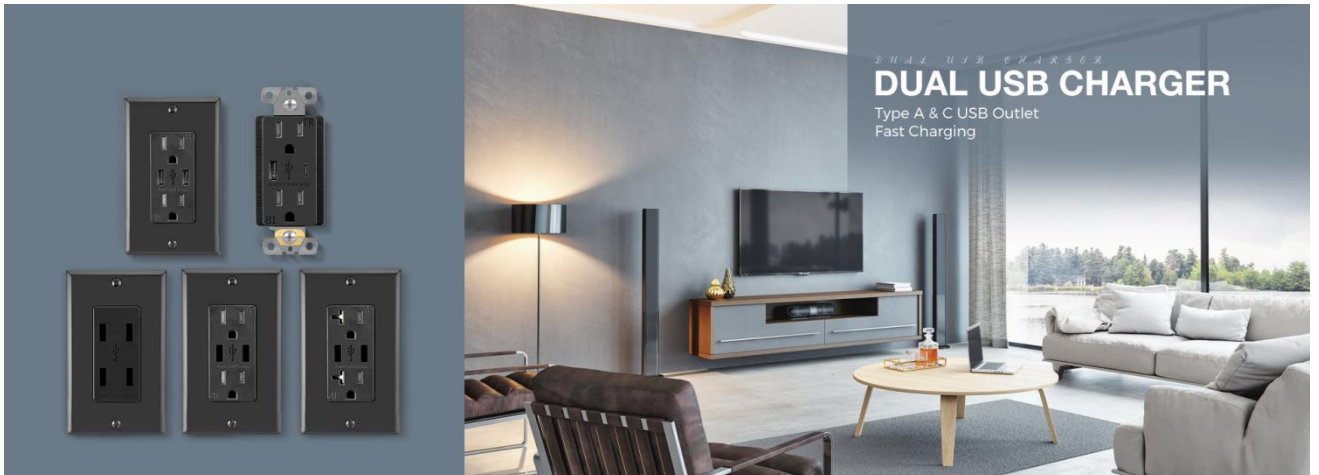
Works with 12 AWG for 20Amp Receptacle while 14 AWG for 15Amp Receptacle. The USB outlet accept side wire and back wire. All the screws have been loosened and easy of installation, people no need to loosen the screws before wiring. We provide regular wall plate as well. Replace an existing outlet in as short as 10 minutes.

## Prevents line-load reversal miswire:

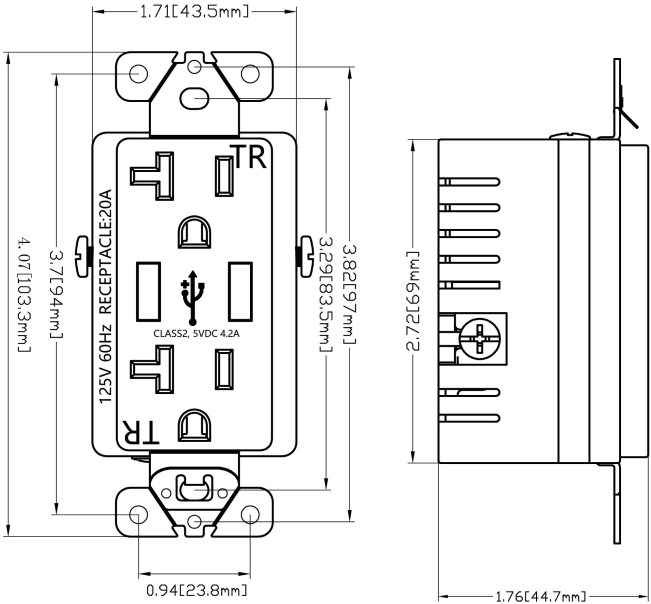
No power to the face outlet or downstream receptacle if wired incorrectly.



\*Please Well Noted Weather-Resistant Receptacle can not instead of Water-proof Outlet.

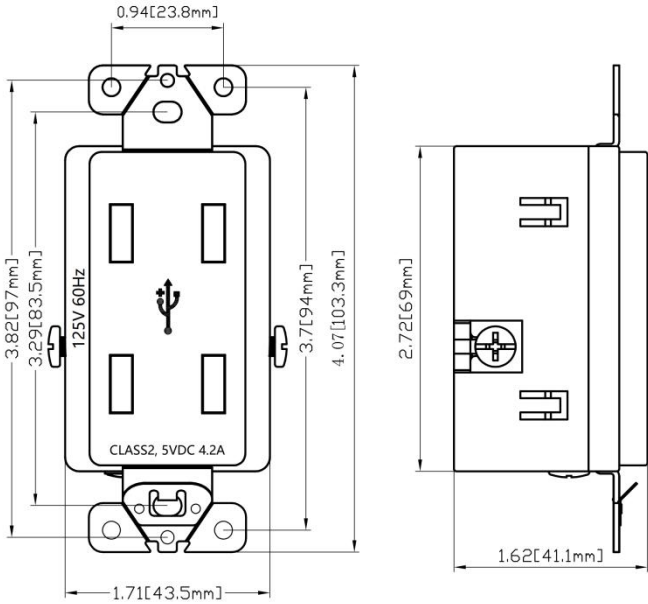


# Dimensions



## Dual USB Outlet

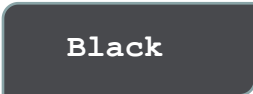
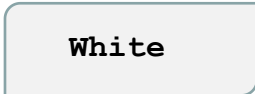
Height	$103.3 \pm 0.5 \text{mm}$
Width	$43.50 \pm 0.5 \text{mm}$
Depth	$44.70 \pm 0.5 \text{mm}$



## 4 USB Outlet

Height	$103.3 \pm 0.5 \text{mm}$
Width	$43.50 \pm 0.5 \text{mm}$
Depth	$41.10 \pm 0.5 \text{mm}$













## Following Colors Available






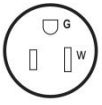



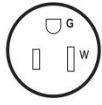



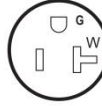


# Types of USBs

## 3.1 Amp USB

Photo	Model	Description	USB Rating	USB Type	NEMA
	<div>TR</div> <div>FTR15-3100</div>	15A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type A	 <div>5-15R</div>
	<div>TR</div> <div>FTR15C-3100</div>	15A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type A & Type C	 <div>5-15R</div>
	<div>TR</div> <div>FTR15DC-3100</div>	15A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type C	 <div>5-15R</div>
	<div>TR</div> <div>FTR20-3100</div>	20A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type A	 <div>5-20R</div>
	<div>TR</div> <div>FTR20C-3100</div>	20A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type A & Type C	 <div>5-20R</div>
	<div>TR</div> <div>FTR20DC-3100</div>	20A 125V AC 5V 3.1A 15.5W Dual USB Ports TR Receptacles	5V 3.1A 15.5W	Type C	 <div>5-20R</div>













# Types of USBs

## 3.6 Amp USB

Photo	Model	Description	USB Rating	USB Type	NEMA
 <div>TR</div>	FTR15-3600	15A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type A	 5-15R
 <div>TR</div>	FTR15C-3600	15A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type A & Type C	 5-15R
 <div>TR</div>	FTR15DC-3600	15A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type C	 5-15R
 <div>TR</div>	FTR20-3600	20A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type A	 5-20R
 <div>TR</div>	FTR20C-3600	20A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type A & Type C	 5-20R
 <div>TR</div>	FTR20DC-3600	20A 125V AC 5V 3.6A 18W Dual USB Ports TR Receptacles	5V 3.6A 18W	Type C	 5-20R

# Types of USBs


## 4.2 Amp USB

Photo	Model	Description	USB Rating	USB Type	NEMA
	<div>TR</div> FTR15	15A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type A	 5-15R
	<div>TR</div> FTR15C	15A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type A & Type C	 5-15R
	<div>TR</div> FTR15DC	15A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type C	 5-15R
	<div>TR</div> FTR20	20A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type A	 5-20R
	<div>TR</div> FTR20C	20A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type A & Type C	 5-20R
	<div>TR</div> FTR20DC	20A 125V AC 5V 4.2A 21W Dual USB Ports TR Receptacles	5V 4.2A 21W	Type C	 5-20R







# Types of USBs



## 4.2 Amp 4 Ports USB



Photo	Model	Description	USB Rating	USB Type	NEMA
	F4P	5V 4.2A 21W Fast Charging 4 USB Ports 4.8A Maximum	5V 4.2A 21W	Type A	

## QC 3.0 Quick Charger USB

Photo	Model	Description	USB Rating	USB Type	NEMA
 <div>TR</div>	FTR15QC	5V 4.2A 21W Fast Charging QC3.0 PD2.0 Super Charging	5V 4.2A 21W	Type A & Type C	 5-15R

 <div>TR</div>	FTR20QC	5V 4.2A 21W Fast Charging QC3.0 PD2.0 Super Charging	5V 4.2A 21W	Type A & Type C	 5-20R
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 <div>TR</div> <div>WR</div>	FTR15W	15A 125V AC 5V 4.2A 21W Dual USB Ports Tamper-Weather Resistant Receptacles	5V 4.2A 21W	Type A	 5-15R
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 <div>TR</div> <div>WR</div>	FTR20W	20A 125V AC 5V 4.2A 21W Dual USB Ports Tamper-Weather Resistant Receptacles	5V 4.2A 21W	Type A	 5-20R
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