

# Zimi Product Presentation

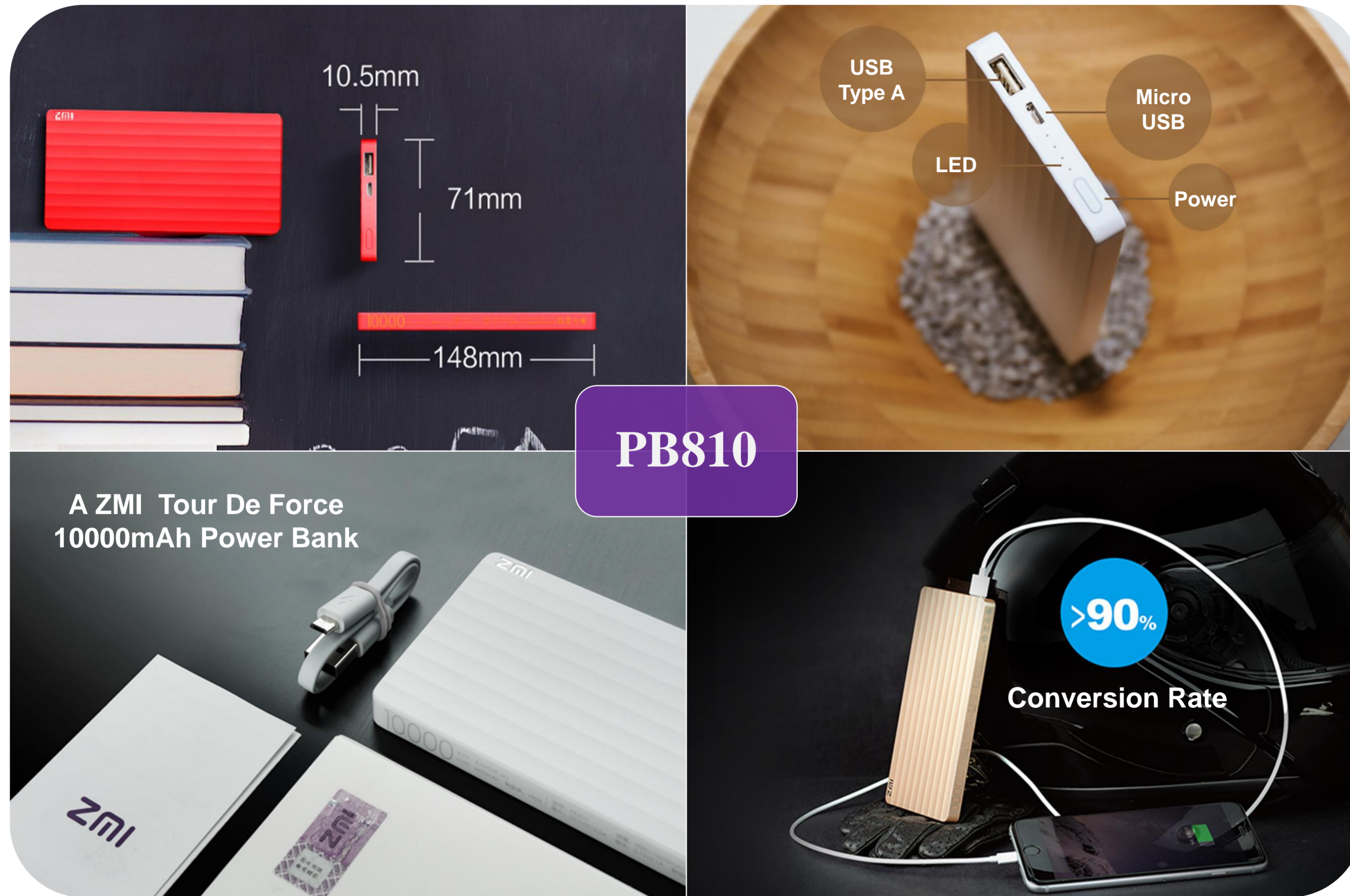
Zimi Corporation  
September, 2016



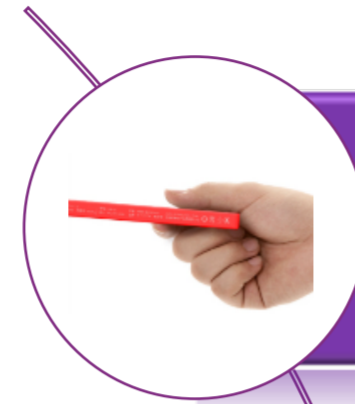
## We Create professional standard

## We Improve user experience

# Power Bank is our Speciality



# We have thoughts in Power Bank



Super slim and light for your easily carry(10000mAh)



Premium Polymer Li-ion battery for your safety



World class chips for managing power better

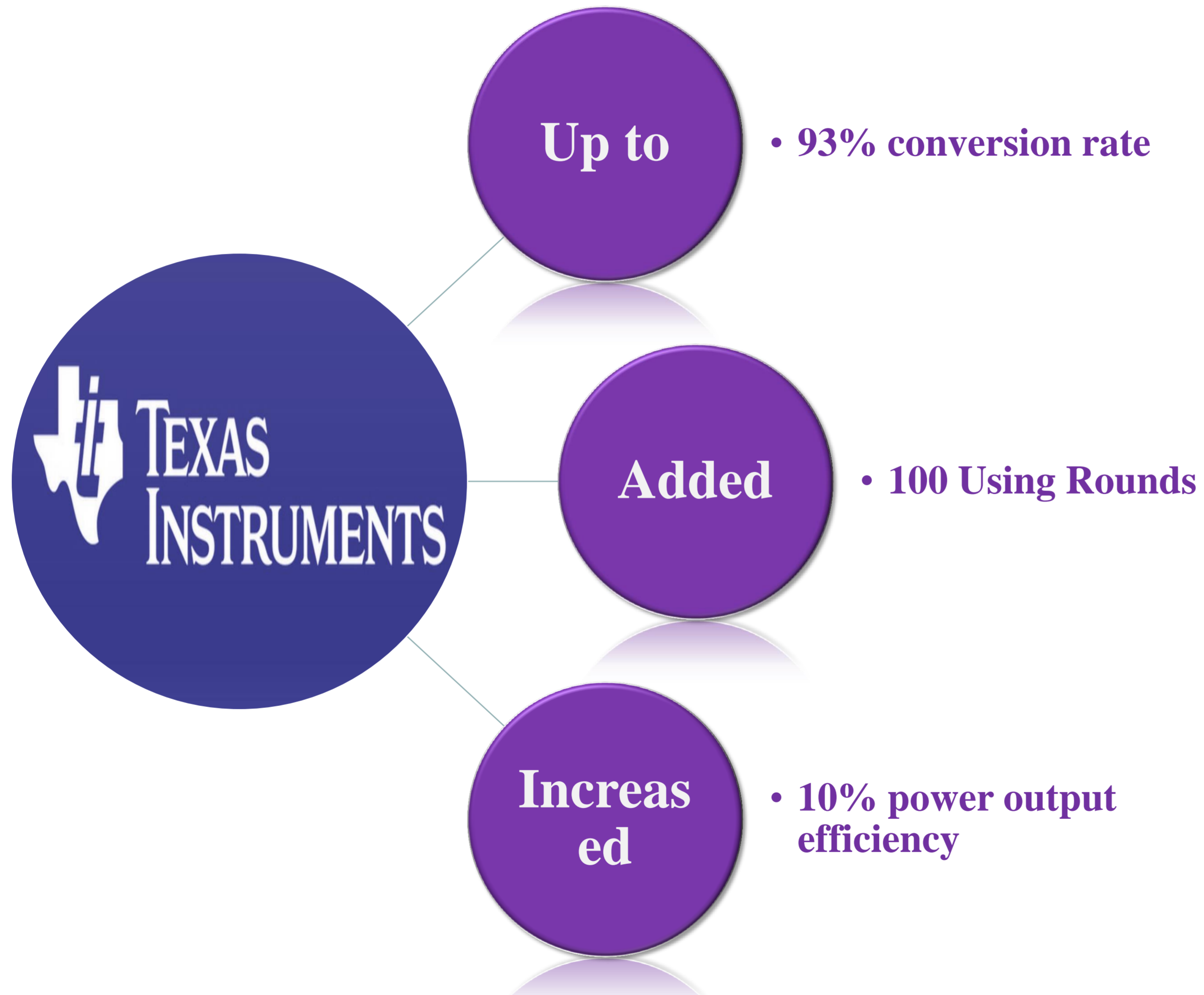


Intelligent identification for all kinds of digital products

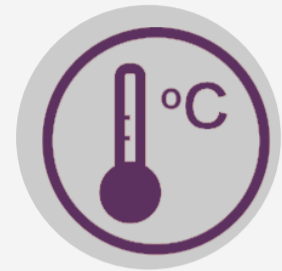


Corrugated design and unique painting for better feel

# What's the optimization of our Power Bank



# Nine layers of Protection in our Power Bank



## Temperature Resistance

Heat-sensitive and temperature control mechanisms ensure Li-ion batteries operate within a safe range.



## Short-circuit protection

The motherboard and battery are automatically protected if short circuit occurs.



## Reset Mechanism

Reset the power bank if it stops responding by simply pressing the Power button



## Input Over-Voltage Protection

OVP circuit prevents voltage surges from damaging the device.



## Automatic Charger Protection

Detects when the charger is inserted incorrectly and will automatically stop charging.



## Protection from Output Overcurrent

Monitors output current and shuts off when current exceeds the maximum limit to protect the device.



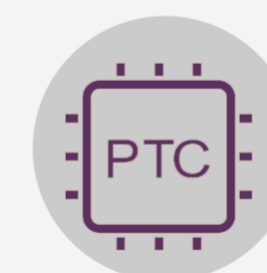
## Output Overvoltage Protection

Monitors output voltage and shuts off when voltage exceeds the maximum limit to protect the device.



## Protection from Overcharge and Over-discharge

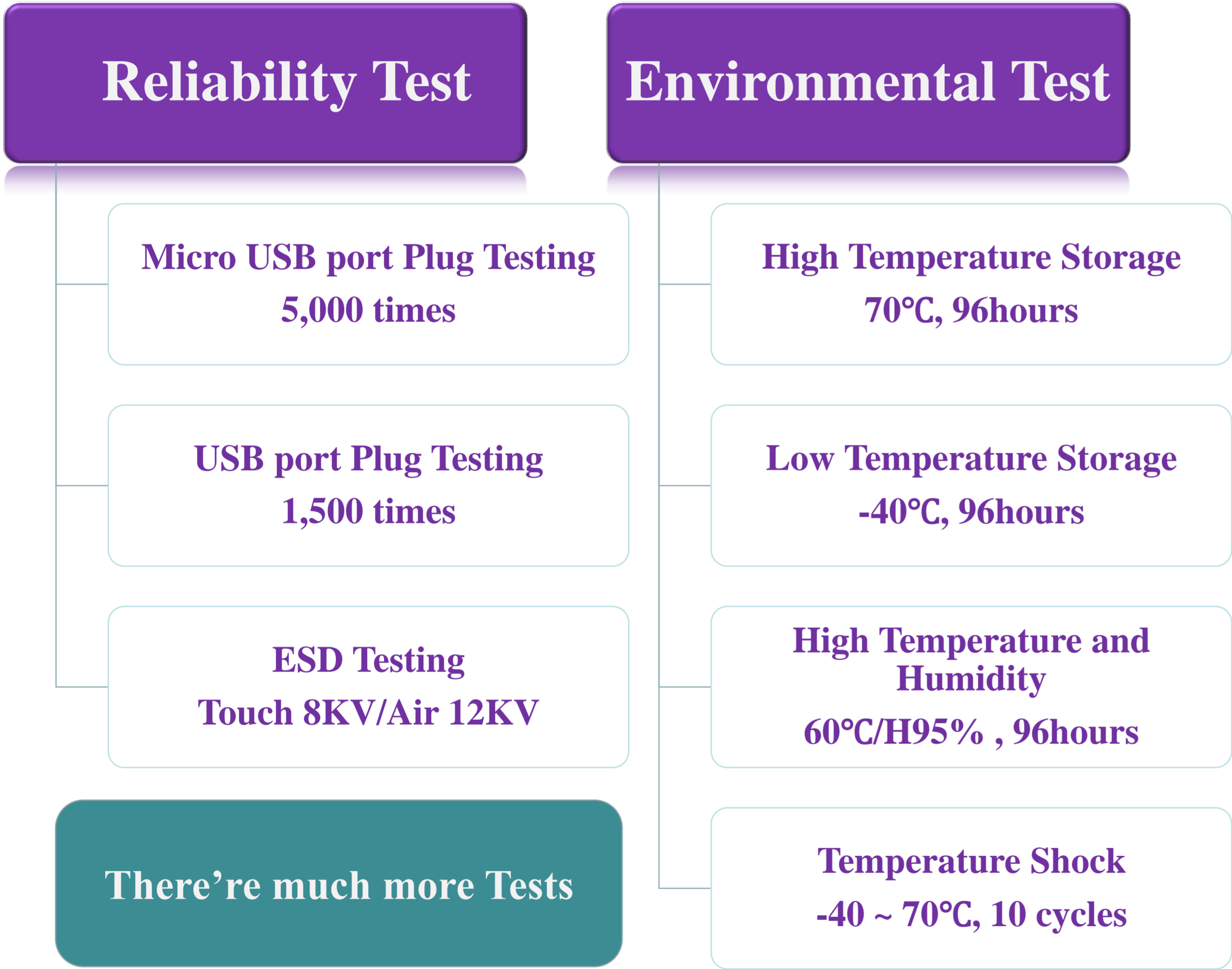
Japanese technology is used to prevent overcharging and over-discharging from damaging the Li-ion batteries.



## PTC Protective Circuits for the Cell

Imported battery cells are equipped with PTC to effectively control and protect batteries when temperature and current exceed the maximum limit.

# Quality is our Foundation



# Power Bank plus MiFi is more desirable



# Why MF855 is a desirable product



5 mode technology supports worldwide network



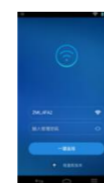
7800mAh built-in power bank powers you everywhere



Use Micro SIM to create your private network



Up to 8 WiFi hotspots plus one USB modem



Manage connected device through APP or Web page

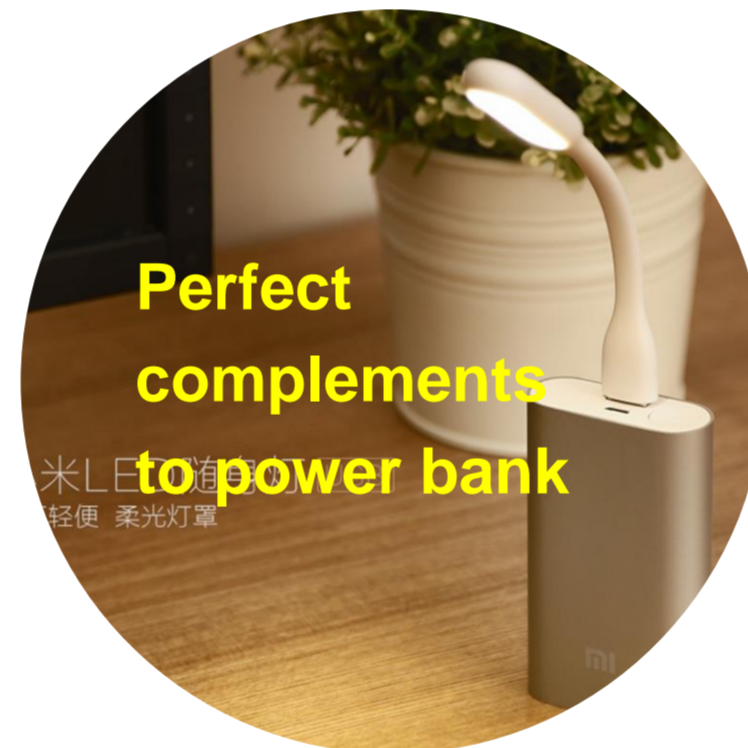
# Our Accessories are all Refined



USB Cable



USB LED Light



USB Fan



2A Adaptor





The image shows a ZMI intelligent charger (model APS11) connected to a power strip and an iPad. The charger is white with a blue label showing technical specifications. A callout bubble highlights the charger's label, which includes input/output details and safety warnings. Another callout bubble highlights the digital display on the charger, showing 5.365V, 2.0143A, and USB mode 64.317Ah. The iPad screen shows the home screen with various app icons.

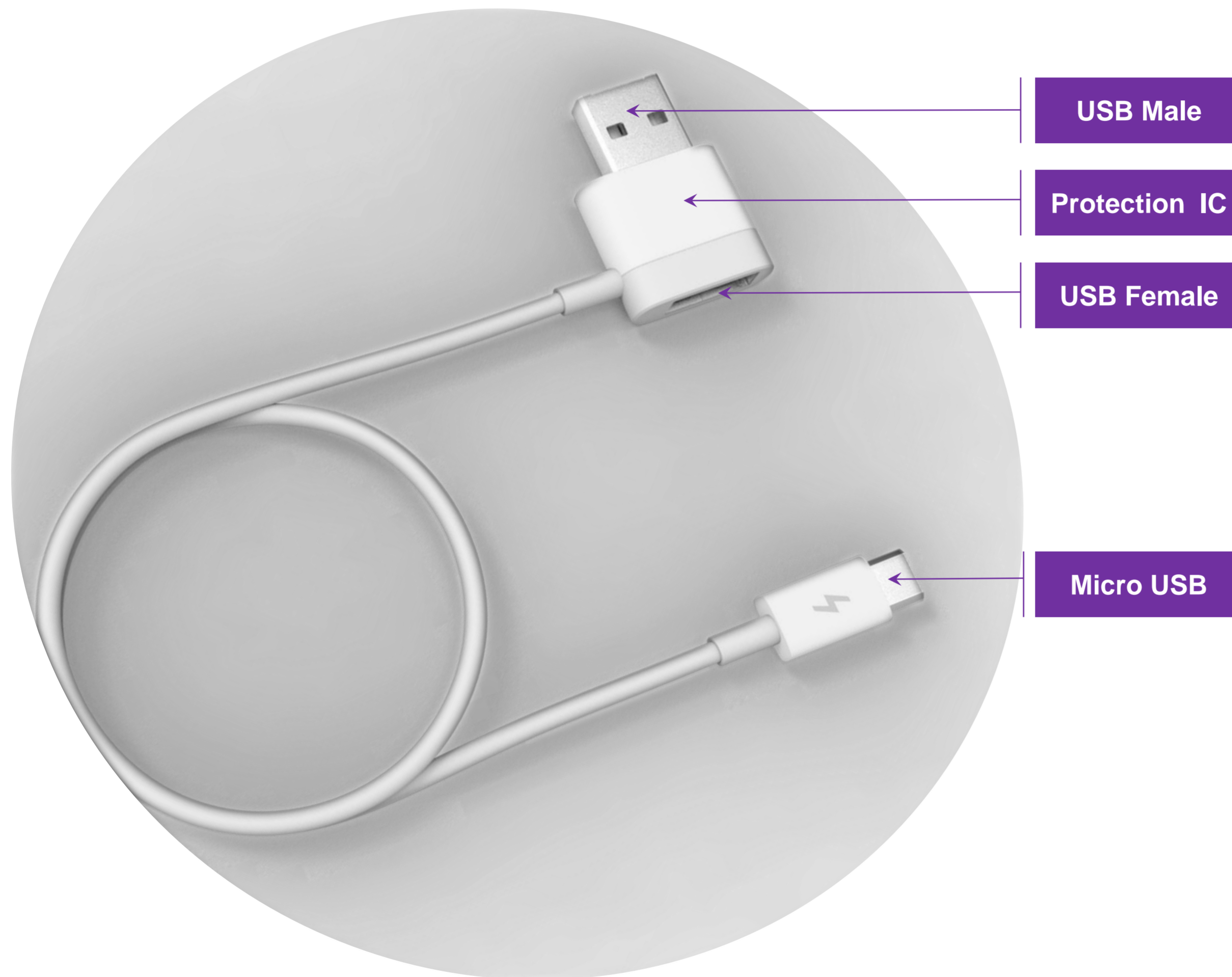
**Charger Label Details:**

- Brand: ZMI 智能充电器
- Model: APS11
- Input: 100-240VAC 50/60Hz 0.35A
- Output: 5V = 2A S/N: CY0002448000052
- Manufacturer: 江苏新洲电子科技有限公司 制造: 江苏新洲电子科技有限公司

**Charger Display Details:**

- Voltage: 5.365V
- Current: 2.0143A
- Mode: USB 模式 64.317Ah

# Expand your Output and Keep small devices Safe

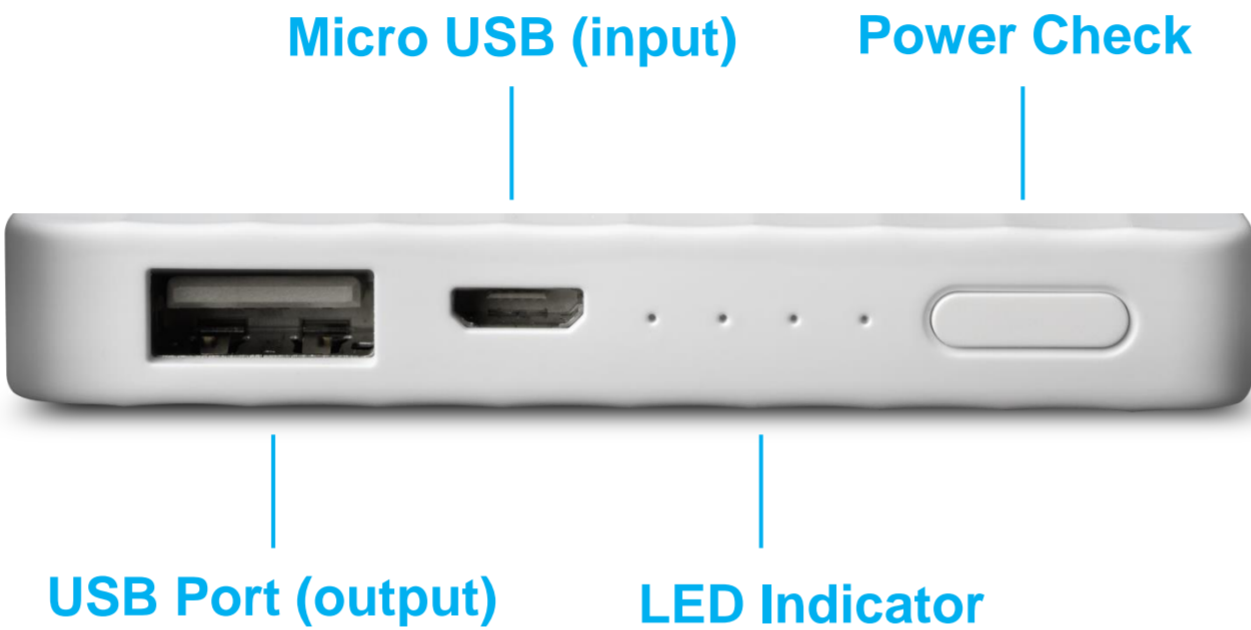


❑ It looks just like a normal USB cable, but it can expand more.

❑ Use it as a secondary charging output, or provide power to a LED light, all bring more convenience to you.

❑ Quick charge adaptor is up to 12V, it's much overloaded to a LED light, the built-in IC will restrict the voltage and avoid the damage.

# Zimi Power Bank 10000mAh



Model Name	PB810
Battery Type	Polymer Li-ion
Typical Capacity	3.7V/10000mAh
Power IC	TI BQ24195
Conversion Rate	Up to 93%
Charging Ability	3.5 full charges for iPhone 6 1.5 full charges for iPad mini
Recharge Time	About 6 hours @5V/2A

Load Detection	Autodetect
Input Voltage	DC 5V
Output Voltage	DC 5.1V
Input Current	2.0A (TYP)
Output Current	2.1A (TYP)
Protection	① Temperature Resistance ② Short-circuit protection ③ Reset Mechanism ④ Input Over-Voltage Protection ⑤ Automatic Charger Protection ⑥ Protection from Output Overcurrent ⑦ Output Overvoltage Protection ⑧ Overcharge and Over-discharge Protection ⑨ PTC Protective Circuits for the Cell
Protection Recovery	Use adaptor to recharge
Charging Temp.	0°C-45°C(TYP)
Discharging Temp.	-20°C~+60°C(TYP)
Finishing	ABS+PC,Painting
Dimension	148*71*10.5mm
Weight	198g

# Zimi Power Bank 10000mAh(Smart&Quick Charge)



Industrial Design same as PB810

Model Name	HB810
Battery Type	Polymer Li-ion
Typical Capacity	3.7V/10000mAh
Conversion Rate	Up to 93%
Recharge Time	About 4 hours @12V/1.5A,9V/2A
Charging Ability	3.5 full charges for iPhone 6
Load Detection	Autodetect
Input Voltage	DC 5V/9V/12V
Output Voltage	DC 5.1V
Input Current	2.0A@5V/9V,1.5A@12V
Output Current	2.1A (TYP)
Bluetooth Function (APP Client)	①Indicate charging times for connected device. ②Indicate Charging and Recharging current and battery level. ③Indicate remaining Charging and Recharging time. ④Indicate the location when used last time. ⑤Control the on/off of the connected accessories suck like Xiaomi LED light and USB Fan
Protection	①Temperature Resistance ②Short-circuit protection ③Reset Mechanism ④Input Over-Voltage Protection ⑤Automatic Charger Protection ⑥Protection from Output Overcurrent ⑦Output Overvoltage Protection ⑧Overcharge and Over-discharge Protection ⑨PTC Protective Circuits for the Cell
Protection Recovery	Use adaptor to recharge
Charging Temp.	0°C-45°C(TYP)
Discharging Temp.	-20°C~+60°C(TYP)
Finishing	ABS+PC,Painting
Dimension	148*71*10.5mm
Weight	198g

# Zimi 4G MiFi+Power Bank 7800mAh



Model Name	MF855
CPU	Marvell MP1802
Memory	NOR Flash 32MB+DDR32MB
Communication	TDD-LTE/FDD-LTE WCDMA/TD-SCDMA/GSM
SIM Card Support	Micro SIM
WiFi	802.11 b/g/n
WiFi Security	WPA-PSK/WPA2-PSK (TKIP/AES)
Power Bank	3.6V/7800mAh(TYP)
Software Feature	USB Modem
	DHCP
	OTA
	NAT
	IPv6
	MAC Address Filter
	WEB Client
	Android Client
	iOS Client
Dimension	102.2*75*22.3mm
Weight	220G

# Zimi 2A Adaptor



Model Name	AP511
Product Type	AC Adaptor
Rated Input Voltage	100—240VAC
Rated Output	5V@2A
Applicable models	Android&Apple products
Protection	①Short-circuit protection ②Protection from Output Overcurrent ③Output Overvoltage Protection
Safety Standard	3C/GB4943-2011
Working Temp.	0°C-40°C
Storage Temp.	-25°C~+70°C
Dimension	46.0*36.0*23.5mm

# Zimi Quick Charge Adaptor

Support QC2.0 protocol



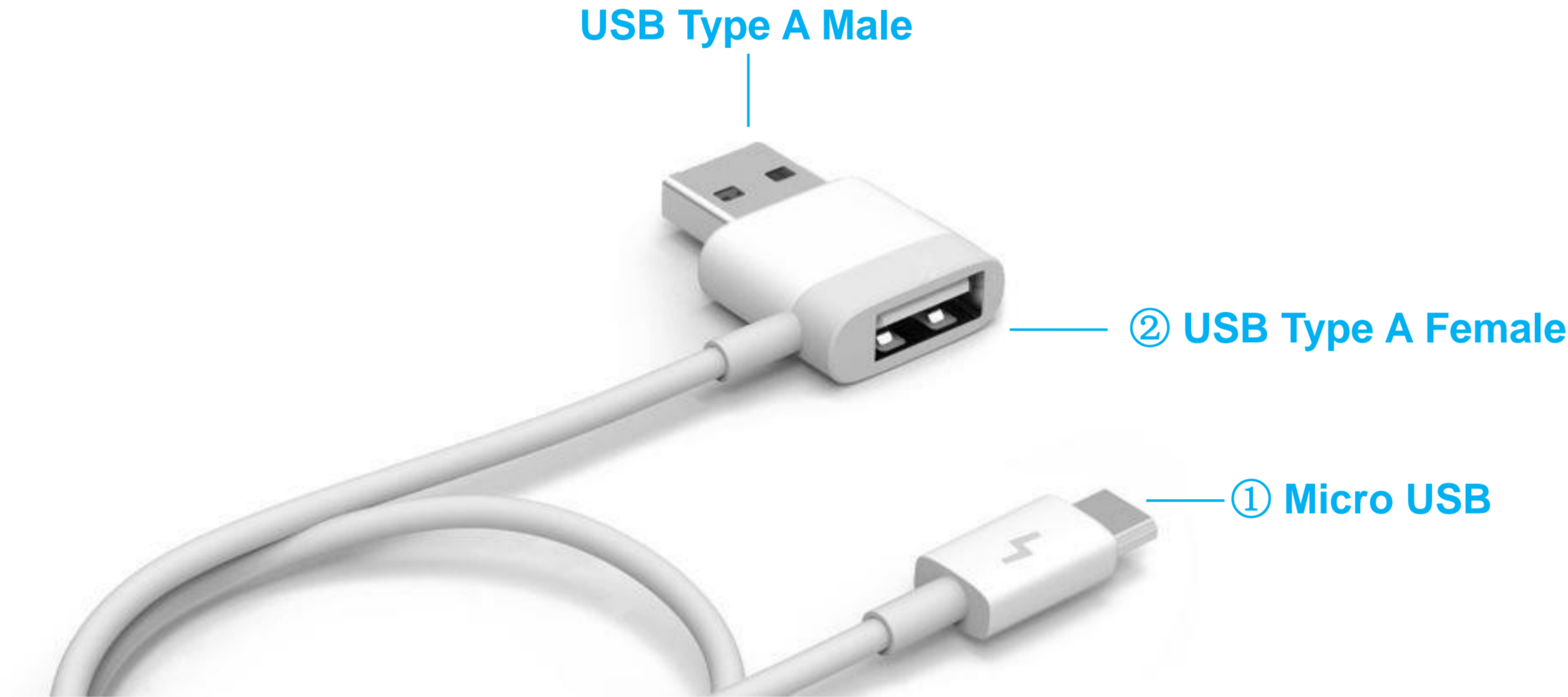
Model Name	HA511
Product Type	AC Adaptor
Rated Input Voltage	100—240VAC
Rated Output	12V@1.5A
	9V@2A
	5V@2A
Quick Charge	Depend on the connected device
Protection	① Short-circuit protection ② Protection from Output Overcurrent ③ Output Overvoltage Protection
Working Temp.	0°C-40°C
Storage Temp.	-10°C~+70°C
Dimension	46.0*49.5*23.4mm

# TopTurbo Lightning to USB



ModelName	MF-SC03
ProductType	Apple Lightning To USB
Applicable Models	Apple LightningTo Series
Certification	Apple Mfi Certicaition
Length	105cm

# Zimi Multifunctional Cable



Model Name	AL910
Product Type	Multifunctional USB Cable
Applicable models -Main Path	Android Phone, Tablet, etc.
Applicable models -Second Path	Xiaomi LED Light, USB Fan, etc.
Length	120cm



# Zimi Micro USB Cable（100cm）



Model Name	AL600
Product Type	USB Cable
Applicable Models-MainPath	AndroidPhone,Tablet,etc.
Length	100cm

# Zimi Micro USB Cable（30cm）

USB Type A Male

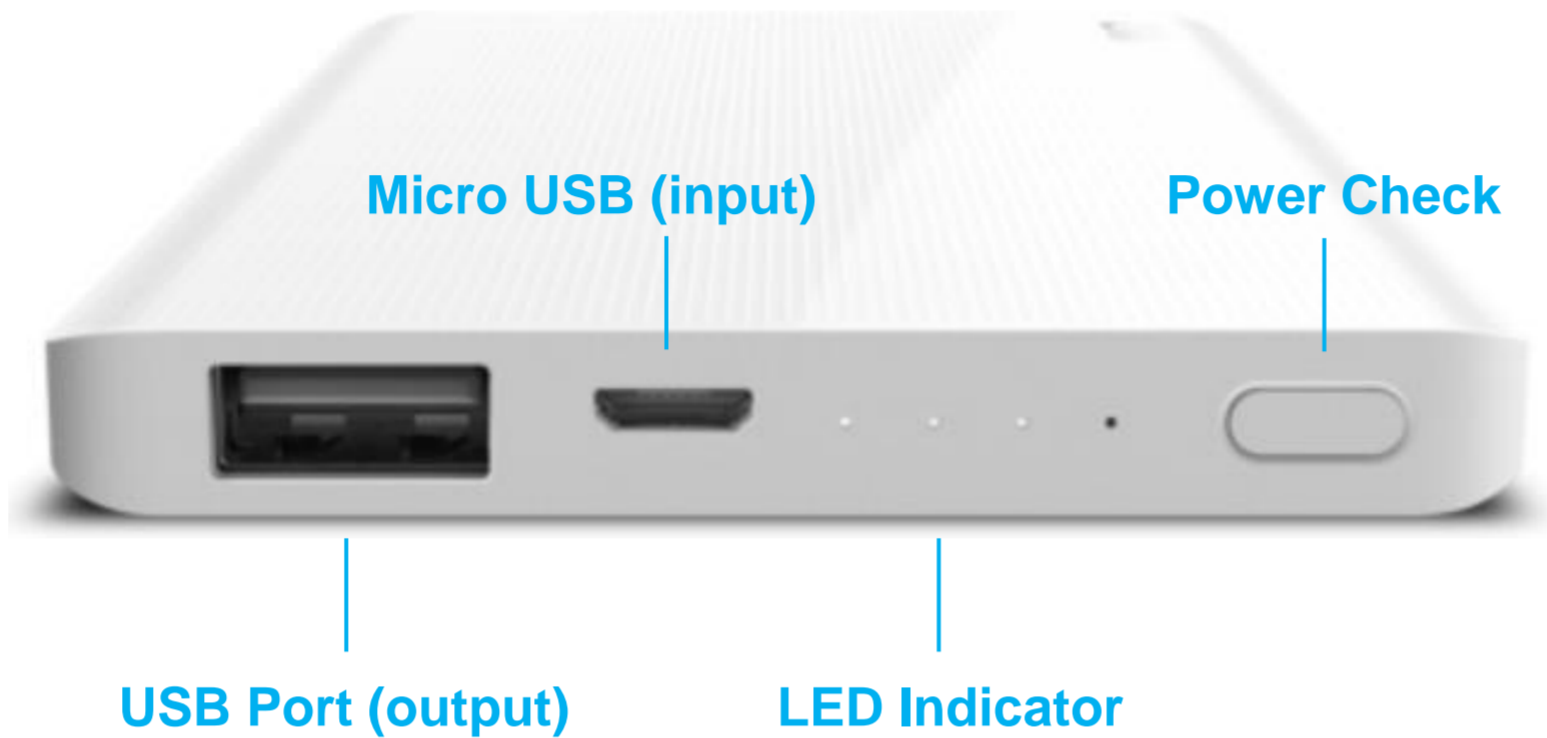


Micro USB



Model Name	AL610
Product Type	USB Cable
Applicable Models-MainPath	AndroidPhone,Tablet,etc.
Length	30cm

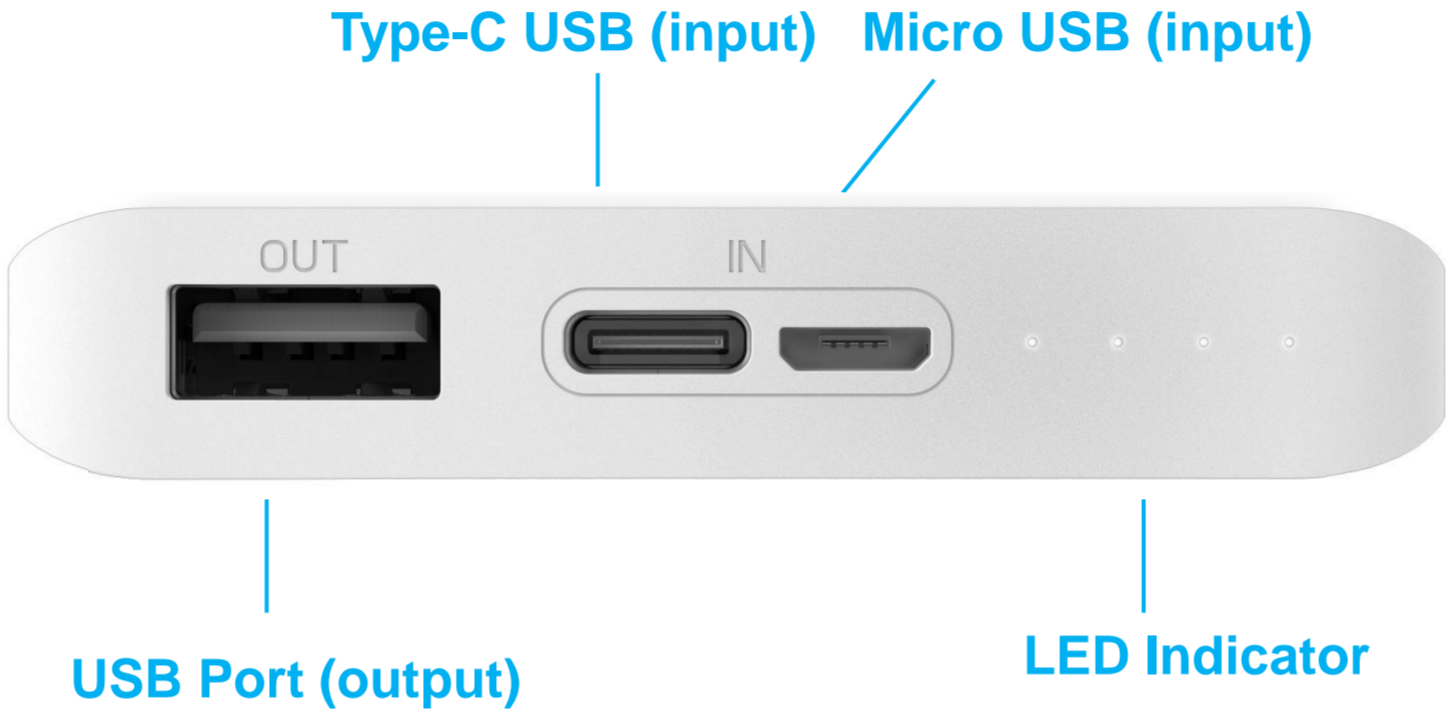
# Zimi Power Bank 5000mAh（Quick Charge）



Model name	QB805
Battry Type	Polymer Li-Ion
Typical Capacity	3.7V/5000mAh
Conversion Rate	Up to 85%
Charging Ability	1 full charges for iPhone 6
Power IC	TI BQ25895 TPS61088
Input Voltage	DC 5V/2A 9V/1.2A 12V/1A
Output Voltage	DDC 5V/2A 9V/1.2A 12V/1A

Protection	1、Temperature Resistance
	2、Short-Circuit protection
	3、Reset Mechanism
	4、Input Over-Voltage Protection
	5、Automatic Charge Protection
	6、Protection from Output Overcurrent
	7、Output Overvoltage Protection
	8、Oercharge and Over-discharge Protection
	9、PTC Protective Circuits for the Cell
Protection Recovery	Use adaptor to recharge
Charging Temp	0℃~45℃（TYP）
Discharging Temp	-20℃~60℃（TYP）
Finishing	ABS+PC，Painting
Dimension	130*98*8.5mm
Weight	112g

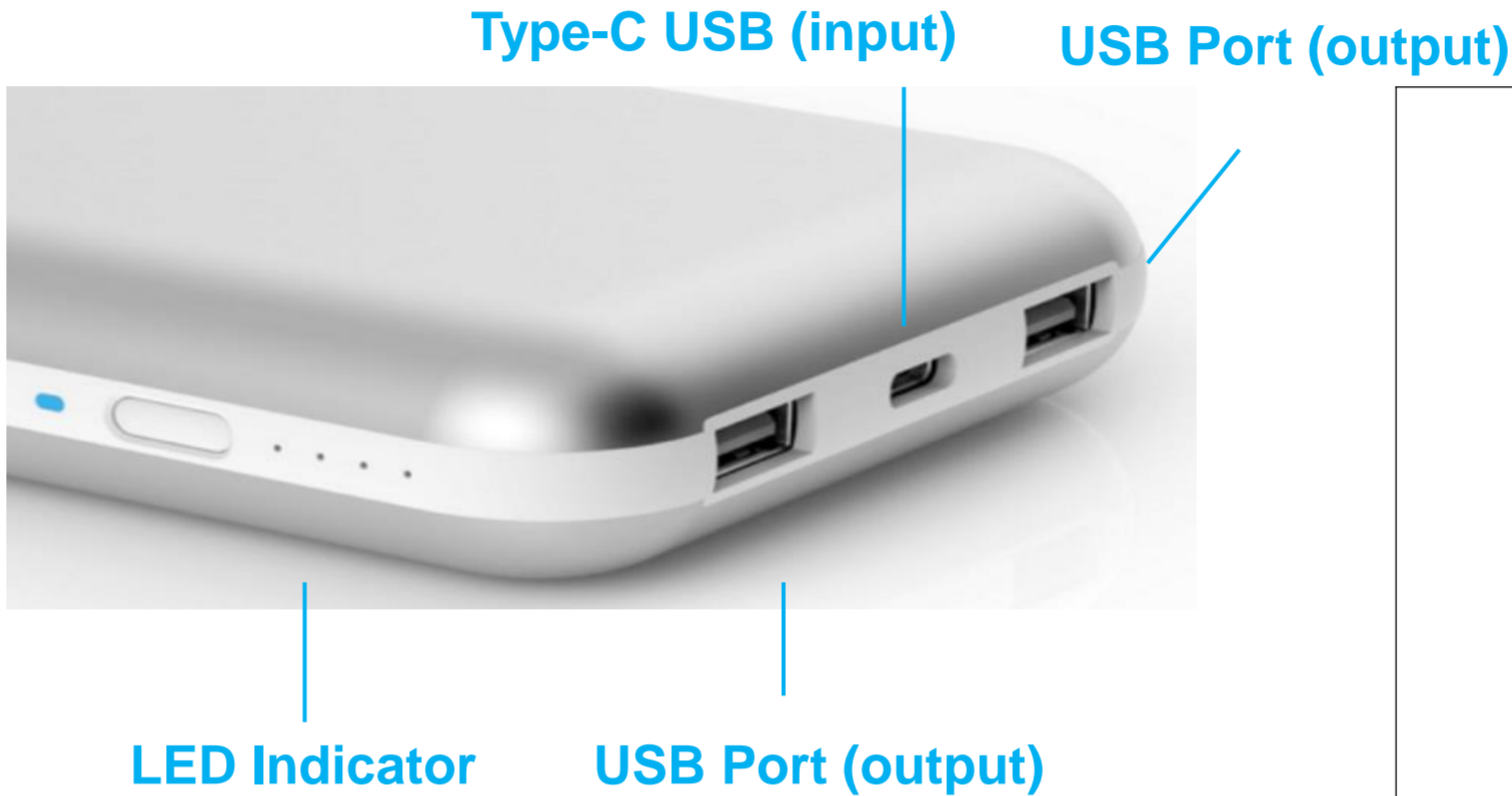
# Zimi Power Bank 10000mAh（Quick Charge）



Model name	QB810
BattryType	PolymerLi-Ion
Typical Capacity	3.85V/10000mAh
Conversion Rate	Upto 90%
Power IC	P02QQCC
Type-C Input Voltage	DC 5V/2A 9V/2A 12V/1.5A
Micro USB Input Voltage	DC 5V/2A 9V/2A 12V/1.5A
Output Voltage	DC 5V/2A 9V/1.6A 12V/1.2A

Protection	1、 Temperature Resistance
	2、 Short-Circuit protection
	3、 Reset Mechanism
	4、 InputOver-Voltage Protection
	5、 Automatic Charge Protection
	6、 Protection from Out put Over current
	7、 Output Over voltage Protection
	8、 Oerchargeand Over-discharge Protection
	9、 PTC Protective Circuits for the Cell
Protection Recovery	Use adaptortore charge
ChargingTemp	0℃~45℃ ( TYP )
DischargingTemp	' -20℃~60℃ ( TYP )
Finishing	ABS+PC , Painting
Dimension	127*69*12.7mm
Weight	177g

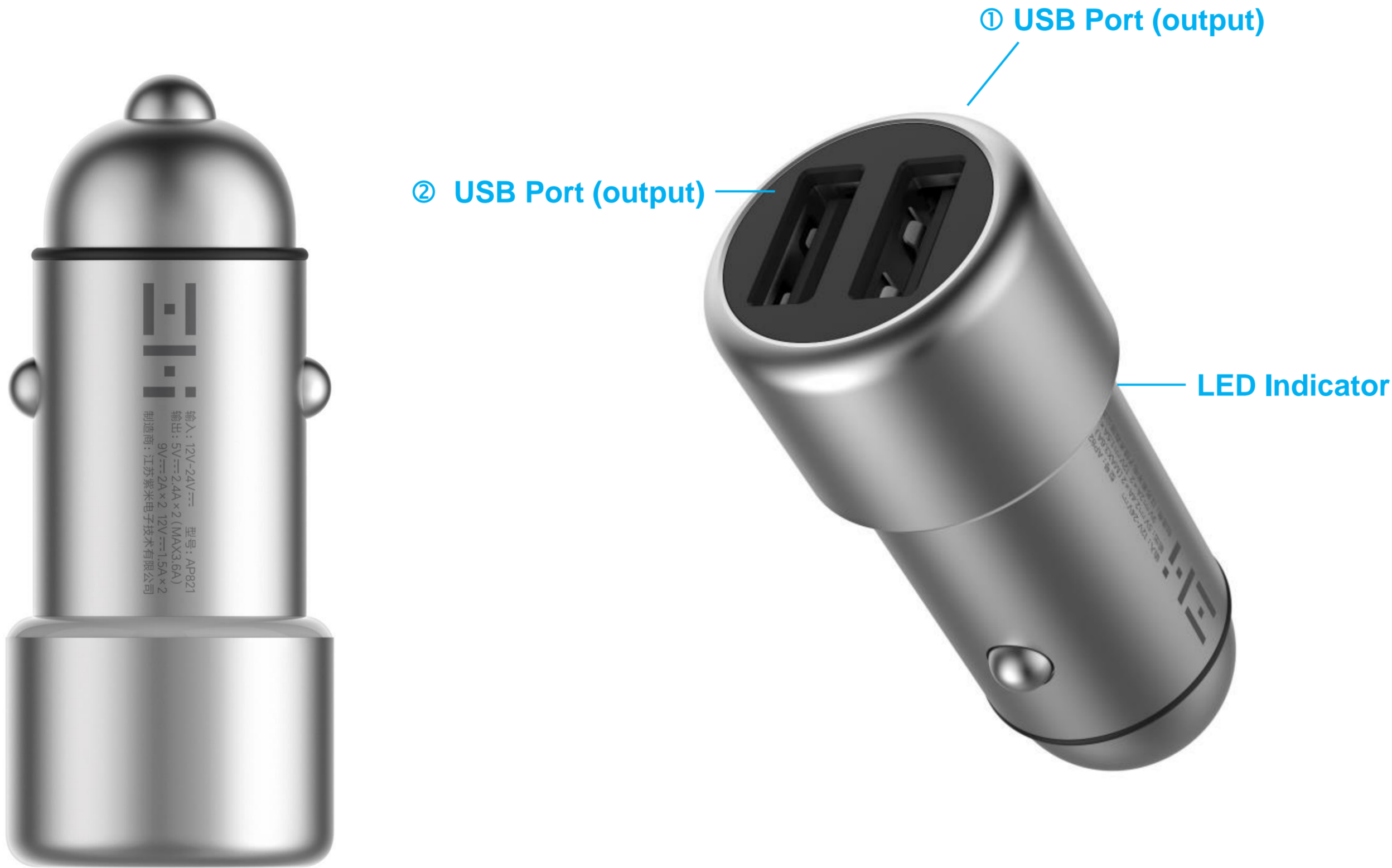
# Zimi Power Bank 20000mAh（Quick Charge）



Model name	QB820
BattryType	LG 18650
Typical Capacity	5V/12000mAh ( TYP 2.4A )
Conversion Rate	Upto 90%
MCU	ABOV MC96F6432AU
Power IC	Intersil ISL95538
Type-C Input Voltage	5-20V/2.4A MAX 45W
Micro USB Input Voltage	2*5V/2.4A 9V/2A 12V/1.5A MAX 18W
Output Voltage	MAX 50W

Protection	1、 Temperature Resistance
	2、 Short-Circuit protection
	3、 Reset Mechanism
	4、 InputOver-Voltage Protection
	5、 Automatic Charge Protection
	6、 Protection from Out put Over current
	7、 Output Over voltage Protection
	8、 Oerchargeand Over-discharge Protection
	9、 PTC Protective Circuits for the Cell
Protection Recovery	Use adaptortore charge
ChargingTemp	0°C~45°C ( TYP )
DischargingTemp	' -20°C~60°C ( TYP )
Finishing	Anodized aluminum shell , Painting
Dimension	160.34*81.74*21mm
Weight	404g

# Zimi Car Charger（Quick Charge）



Model name	AP821
Interface type	Double USB interface
Input Voltage	12V-24V(MAX 3.6A)
Output Voltage	5V/2.4A*2 (MAX 3.6A)
	9V/2A*2 12V/1.5A*2
ChargingTemp	0°C~30°C ( TYP )
Dimension	59.4*24.6mm
Weight	51.5g

Thank You !