

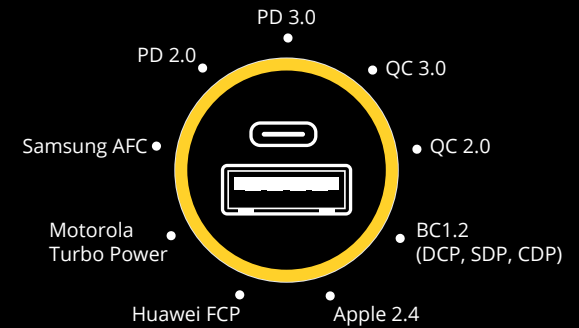
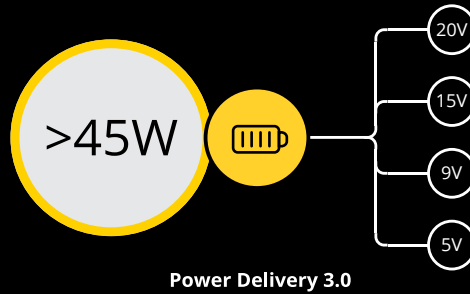
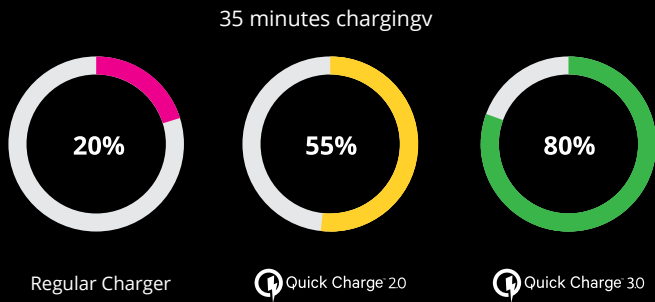


ENERGY FOR MOBILE DEVICES

[WWW.TOPON.COM](http://WWW.TOPON.COM)

# POWER BANK FOR FAST CHARGING LAPTOPS

Equipment will be more mobile, charging – fast as possible



## TOP-T80

18000 mAh

USB Type-C 45W with Power Delivery 3.0  
 USB 24W with Quick Charge 3.0  
 USB 12W (5V ~ 2.4A)

High quality Lithium Ion cells

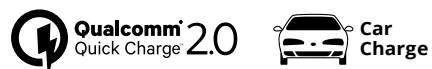


## TOP-T72

18000 mAh

DC out 65W to power laptops and cars  
 USB 24W with Quick Charge 2.0  
 USB 10W (5V ~ 2.1A)

High quality Lithium Ion cells



## TOP-MAX2

30000 mAh

USB Type-C 18W with Power Delivery & Quick Charge 3.0  
 USB 18W with Quick Charge 2.0/3.0, AFC, DCP, FCP  
 2 USB 12W (5V ~ 2.4A)

High quality Lithium Ion polymer cells



# RELIABLE POWER BANKS IN ANY SITUATION



## TOP-X38

**38000 mAh**  
Dust and water splash proof

3 × USB 5W / 10W / 12W  
Car socket 180W  
LED flashlight

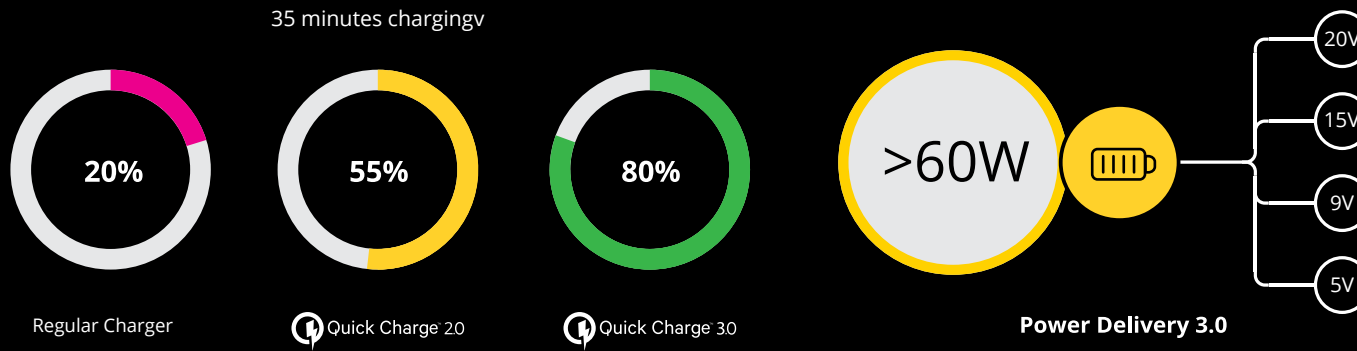


## TOP-X72

**72000 mAh**  
Dust and water splash proof

2 × USB 10W & 12W  
DC out to power laptops  
Car socket 180W  
LED flashlight  
28 replaceable tips

# MAXIMUM CAPACITY AND SAFETY



## LiFePO4 cells

- Works at temperatures down to  $-30^{\circ}\text{C}$
- 5000 recharge cycles
- Shelf life 15 years
- Less than 1.5% self-discharge per month
- Resistant to overdischarge
- Stable voltage until full discharge

## TOP-X100

96 000 mAh

- USB Type-C Power Delivery 60W
- 2 × USB Quick Charge 3.0 & 12W
- 2 × Car socket 180W
- LED flashlight
- Dust and water splash proof
- High quality LiFePO4 cells

Power Delivery 3.0

Quick Charge 20/30



# UNINTERRUPTED POWER ANYWHERE



## TOP-X220 160800 mAh

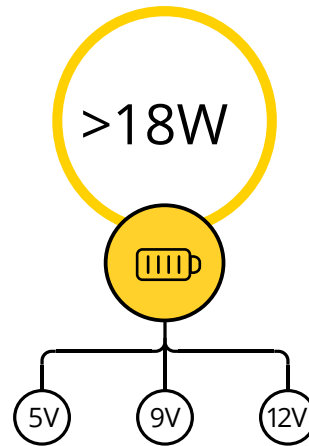
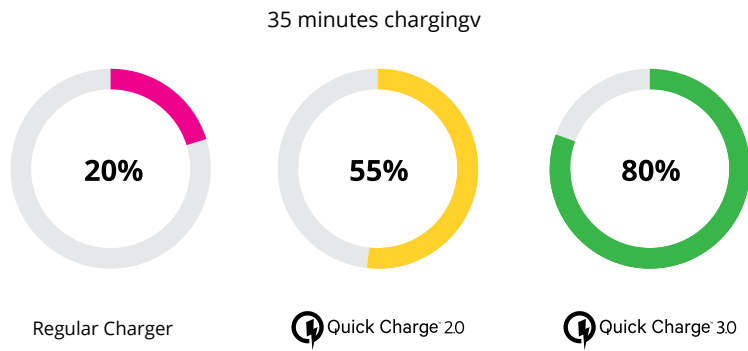
**DC:** 5V-24V 80W  
2 × **DC:** 9V-12.6V 60W  
**XT30:** 9V-12.6V  
2 × **Type-C:** Power Delivery 60W/18W  
2 × **USB:** QC3.0 18W  
2 × **AC:** 220V 300W  
2 flashlights, 30 connectors, Bluetooth

48 cells LG in a separate box  
Active ventilation and pass-through cooling system  
2 AC outlets 300W for EU / US / UK plugs  
Power Delivery and Quick Charge support  
Fully charged in 3.5-4 hours  
Bluetooth control

**Power Delivery 3.0**  
Quick Charge 2.0/3.0



# FAST CHARGING OF MOBILE DEVICES



## TOP-10

10000 mAh

USB Type-C and USB-A with QC3.0 & PD 18W  
MicroUSB, LED screen, aluminum case just 14 mm thick  
High quality Lithium Ion polymer cells

Power Delivery 2.0  
Quick Charge 20/30



TopON

# USB TYPE-C POWER SUPPLIES

Power Delivery 3.0 и Quick Charge 3.0



**TOP-UC87**  
87W



**TOP-UC61**  
61W



**TOP-TCW**  
5A 100W / 1.75 M

# BATTERIES AND POWER SUPPLY



**FOR NOTEBOOKS**



**FOR NOTEBOOKS**



**FOR ELECTRIC TOOLS**



**FOR LCD MONITORS**



**FOR VACUUM CLEANERS**



**UNIVERSAL**



# BATTERY LED SPOTLIGHTS AND LIGHTS



## TOP-MX1

Light flow: 1100 Lumens

LED: COB 10W

Built-in battery:

**3.7V 6.6Ah 24.4Wh**

Housing with IPX4 protection

Swivel stand

USB with Power Bank function

Brightness adjustment from 220 to 1100 lm



## TOP-MX1MG

Light flow: 1100 Lumens

LED: COB 10W

Built-in battery:

**3.7V 4.4Ah 16.3Wh**

Rubberized housing with IPX4 protection

Swivel stand

USB with Power Bank function

Brightness adjustment from 220 to 1100 lm



## TOP-MX2BT

Light flow: 2000 Lumens

LED: COB 20W

Built-in battery:

**7.3V 4.4Ah 29.2Wh**

Housing with IPX4 protection

Bluetooth acoustics

Swivel stand

USB with Power Bank function

Brightness adjustment from 400 to 2000 lm



## TOP-MX5

Light flow: 5000 Lumens

LED: COB 50W

Built-in battery:

**14.6V 4.0Ah 58.4Wh**

Housing with IPX4 protection

Swivel stand

USB with Power Bank function

Brightness adjustment from 800 to 5000 lm

# RECHARGEABLE BATTERIES

AA / AAA / CHARGERS



**1000** mAh  
**2500** mAh

Over 1000 recharge cycles

More economical than conventional batteries

Holds a charge for over six months



## TOP-NH-AA-2500-4B

Type: AA (HR6)

Capacity: 2500 mAh

Voltage: 1.2V

Technology: Ni-MH

Charging current: up to 750 mA



## TOP-NH-AAA-1000-4B

Type: AAA (HR03)

Capacity: 1000 mAh

Voltage: 1.2V

Technology: Ni-MH

Charging current: up to 500 mA



## TOP-CH500

For Ni-MH / Ni-Cd AA and AAA batteries

MicroUSB powered (5V~2A)

4 independent slots (1.4V~500mAh)

LED indicators, safe charging

Charging time and current protection

# SAFETY AND RELIABILITY



## OVERHEAT PROTECTION

In the event of severe overheating, the battery automatically turns off, preventing damage to the device and negative impact on the cells



## OVERLOAD PROTECTION

Input and output current are always maintained in a safe range



## SHORT CIRCUIT PROTECTION

In the event of a short circuit, the battery automatically shuts off



## OVERCHARGE AND OVER DISCHARGE PROTECTION

The battery will automatically turn off when fully charged, as well as until the minimum charge level safe for the cells



## SURGE PROTECTION

The protection system monitors the level of input and output voltage, preventing the increase or decrease from the norm



## EMC PROTECTION

An ferrite ring is integrated in the PowerBank circuit to protect against electromagnetic interference



## TEMPERATURE AND HUMIDITY TESTS

The operating temperature range of the external battery is from  $-10^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$  and relative humidity is from 45% to 85%



## STRENGTH TEST

PowerBank has successfully passed drop, vibration, collision, impact and deformation tests



## CORROSION TESTS

Successfully tested in a salt chamber with salt spray and condensate spray for corrosion

[topon.com](https://topon.com)