EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Widely Compatible

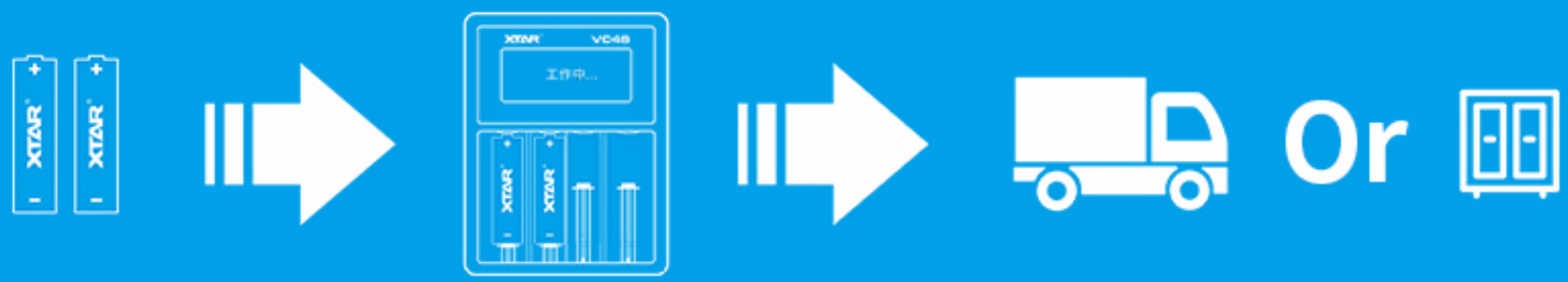
Can charge four batteries at the same time, save your time and improve the efficiency.

Apply to 3.6V/3.7V Li-ion/IMR/INR/ICR batteries:
10440 14500 14650 16340 17335 17500 17670 18350 18490
18500 18650 18700 20700 21700 22650 25500 26650 32650
1.2V Ni-MH / Ni-CD:
AAAA / AAA / AA / A / SC / C / D

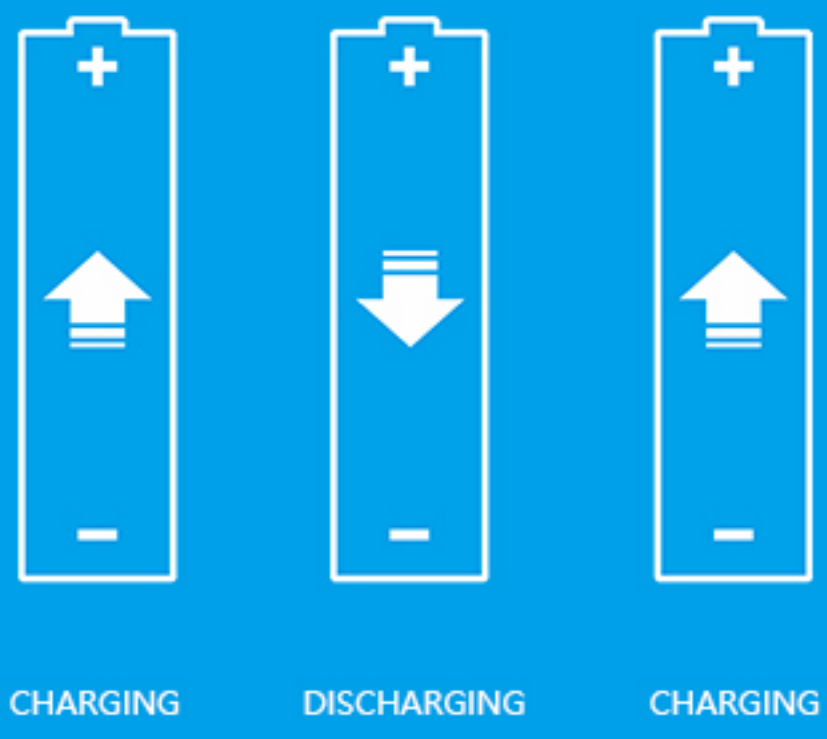
Note: Cannot charge protected 20700/21700 batteries.
*Can maximally charge two 32650 cells(CH1&CH4) and two 18650 cells(CH2&CH3) simultaneously.

Maximize Batteries' Lifespan

In storage mode, the charger can charge or discharge the battery to its rated voltage of the battery to maximize the batteries' lifespan, when the battery is not used for a long time or used for long-distance transportation.



※When the battery voltage is at rated voltage, its self-discharge rate is the slowest and also most stable.

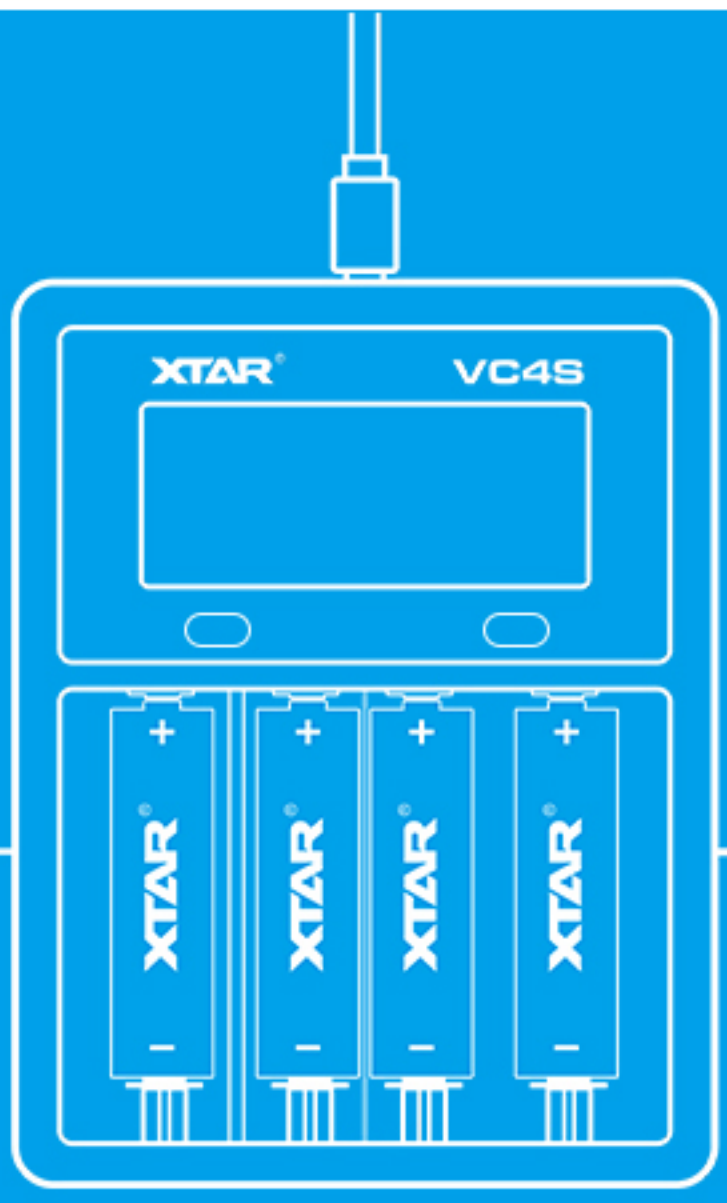


Test Batteries' Real Capacity

In grade mode, the charger tests the real capacity by "charging-discharging-fully charging" the batteries, so that users can know whether the battery capacity is over-stated.

0V Activation Revives Over-discharged Batteries

0V activation function, which is first originated from XTAR, activates some revivable batteries. Insert the battery and the charger will automatically detect and activate the battery.



QC3.0 Fast Charging, Max 3A for single slot.

Support QC3.0 protocol, connect QC3.0 adapter, put a Li-ion battery into VC4S, the charger automatically detects the battery’ s internal resistance, and automatically starts 3A charging when the resistance is low.

Charge Anywhere

Comes with Micro USB input, compatible with USB adapters, power bank and solar power, no more worry about not being able to charge Li-ion batteries at outdoor.

Left button for Switching Display, Right Button for Choosing Modes

Left button is for switching the display of Cap(capacity), Cur(current) and IR(internal resistance) in charging mode. Right button is to switch modes among charging mode, grading mode and storing mode.

Temperature Monitoring Design

Built-in real-time temperature control protection system makes the battery charging process more stable, and the maximum temperature rise is controlled within 15 ℃.

Ultra-wide-view LCD Screen, Shows Real-time Charging Status

The charger applies colorful VA LCD screen and its view is widely up to 170°.
In charging mode, grade and storage mode, LCD screen shows batteries' real-time charging status.

High Precision, Auto Cut-off When Fully Charged

Built-in high-precision MCU makes cut-off voltage up to ±0.05V, and the charger will automatically stop charging after fully charged batteries, which is safe and worry-free.

Safe Material

Constructed from flame retardant and fire resistant ABS materials to extend the charger’ s lifespan and ensure safety.

Grade

In grade mode, the charger tests the real capacity by “charging-discharging-fully charging” the batteries, so that users can know whether the battery capacity is over-stated.

Storage

In storage mode, the charger can charge or discharge the battery to its rated voltage of the battery to maximize the batteries’ lifespan, when the battery is not used for a long time or used for long-distance transportation.

Internal resistance Detecting

The charger intelligently selects an optimal charging strategy by detecting the internal resistance of the charged battery, and according to the number of batteries, input power, and battery type.

Temperature Control

Built-in real-time temperature control protection system makes the battery charging process more stable, and the maximum temperature rise is controlled within 15 °C.

0V Activation

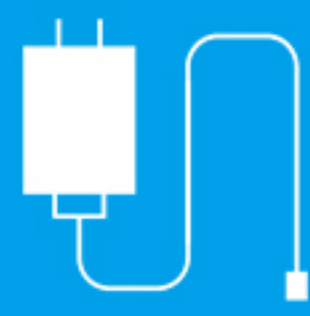
0V activation function, which is first originated from XTAR, revives the over-discharge battery. Insert the battery and the charger will automatically detect and activate the battery.

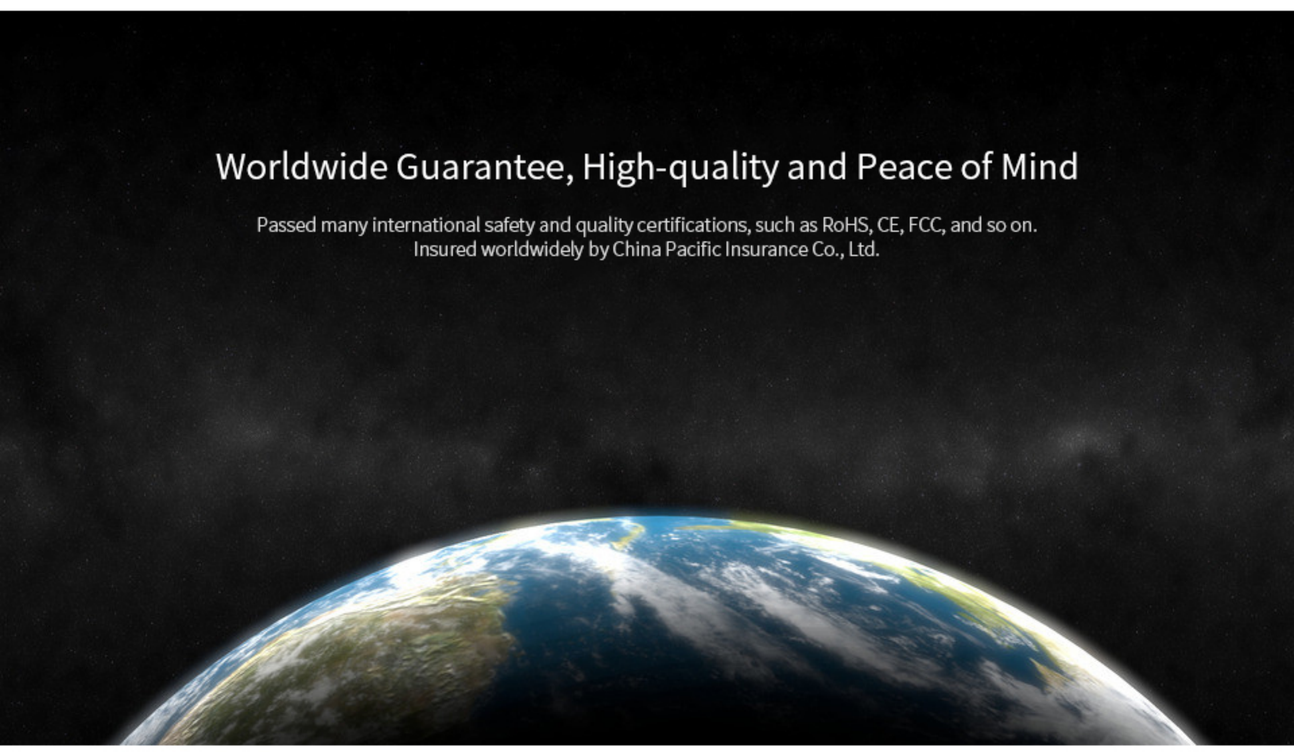
Three-stage Charging

Specially-designed TC-CC-CV charging method safely and efficiently charges your batteries.The charger uses trickle current (TC) to “awake” and protect batteries when the battery voltage is very low.After the battery voltage becomes normal, the charger starts constant current (CC) charging, and the charging speed is guaranteed with a larger current.When the battery is almost fully charged, the charger starts constant voltage (CV) charging, to make sure that the battery is fully charged and less-damaged.

Multiple Protections Ensure Safe Charging

Built-in protection circuit can effectively prevent over-current, over-charge, over-voltage, short-circuit, combined with XTAR's original soft-start function, making charging safer.





Specification

Model	VC4S
Input	QC3.0 (5V⎓3A/9V⎓2A)
Constant Current	3Ax1 / 2Ax2 / 1Ax4 / 0.5Ax4
Cut-Off Voltage	4.2±0.05V / 1.45±0.1V
Cut-Off Current	⩽120mA
Operating Temperature	0-40°C
Size	L149*W115*H35mm
weight	212g

Package

Box,VC4S Charger, Hop-pocket, USB Cable, Manual