

MX8 is an 8-slot battery charger that efficiently powers 8 cells simultaneously, significantly saving your charging time. Universally compatible with daily battery types like Li-ion and Ni-MH. Integrated smart controls and multi-safeguards deliver safe power for professional gear and home essentials.

Parameters

Model	MX8
Compatible Battery Size	10440/14500/16340/18500/ 18650/21700 & AA/AAA
Compatible Battery Type	3.6V/3.7V/1.5V Li-ion & 1.2V Ni-MH
Power Input	PD 12V/1.67A Type-C QC 9V/2A Type-C
Activation Current	150±50mA
Charging Current	3.6V/3.7V Li-ion: 1A×4 / 0.5A×8 1.5V Li-ion: 0.5A×8 1.2V Ni-MH: 0.5A×8
Charging Cutoff Voltage	3.6V/3.7V Li-ion: 4.2±0.05V 1.5V Li-ion: N/A 1.2V Ni-MH: 1.45±0.1V
Charging Cutoff Current	3.6V/3.7V Li-ion: ≤150mA 1.5V Li-ion: 50mA 1.2V Ni-MH: N/A
Operating Temp.	0-40°C
Storage Temp.	-10-60°C
Housing Material	Fireproof ABS+PC/V0
Weight	314g
XTAR Charger Features	Over-discharged battery activation Auto-stop after full charge Reverse polarity protection Over-current protection Over-voltage protection Over-charge protection Short-circuit protection



Product Advantages



Wide Compatibility

• AA/AAA 1.2V Ni-MH , AA/AAA 1.5V Li-ion, and 3.6V/3.7V Li-ion batteries can be charged simultaneously



Fast & Flexible Charging via Type-C

• Features a universal Type-C port compatible with computers, wall adapters, power banks, or car chargers
• Fully charge 8 XTAR 4300mWh batteries in just 2 hours



Low-current Slot

• Gentler, safer charging to extend battery life



LCD Display

•The LCD screen provides a clear, easy-to-read view of each slot's charging status and progress

- Smart & Accurate Battery Detection: Auto-detect the battery type and apply the optimal charging method
- Advanced Battery Recovery: Micro-current activation revives over-discharged batteries at higher rates
- Charge Timeout Protection: each slot is monitored independently. Charging stops automatically after 16 hours per slot to reduce overcharge risk
- Flame-retardant Housing: heat-resistant and impact-resistant design to help minimize safety hazards
- Comprehensive Safety: Built-in multiple protections for safe operation

Compatible Batteries

*Compatibility is not limited to the listed brands and models. Actual charging performance may vary depending on the characteristics of each battery.

1.5V Li-ion

XTAR	AA 2600mAh / AAA 1000mAh
Eneloop	AA 2000mAh / AAA 800mAh
Energizer	Recharge Power Plus AAA 800mAh / Recharge Universal AA
EBL	AA 2800mAh / AAA 1100mAh
Duracell	AA 2500mAh
POWEROWL	AAA 1000mAh
IKEA LADDA	AA 2450mAh / AAA 750mAh
GP Batteries	AA 2600mAh / AAA 950mAh

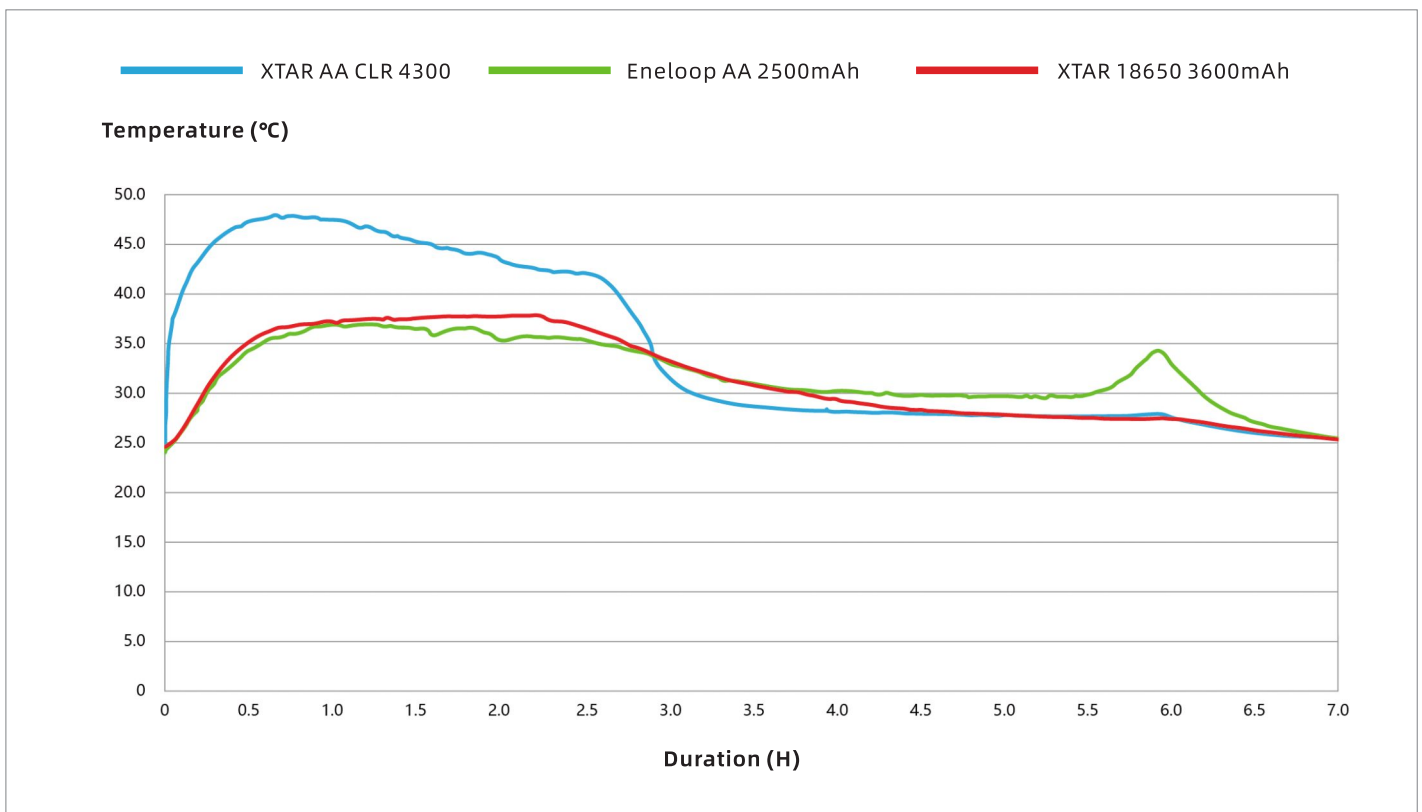
1.2V Ni-MH

XTAR	AA 4150mWh / AAA 1620mWh
EBL	AA 3000mWh / AAA 1200mWh
Hixon	AA 3500mWh
Delepow	AA 3400mWh / AAA 1200mWh
Tenavolts	AA 2775mWh / AAA 1100mWh
Krntax	AA 3500mWh
Doublepow	AA 3400mWh / AAA 1000mWh

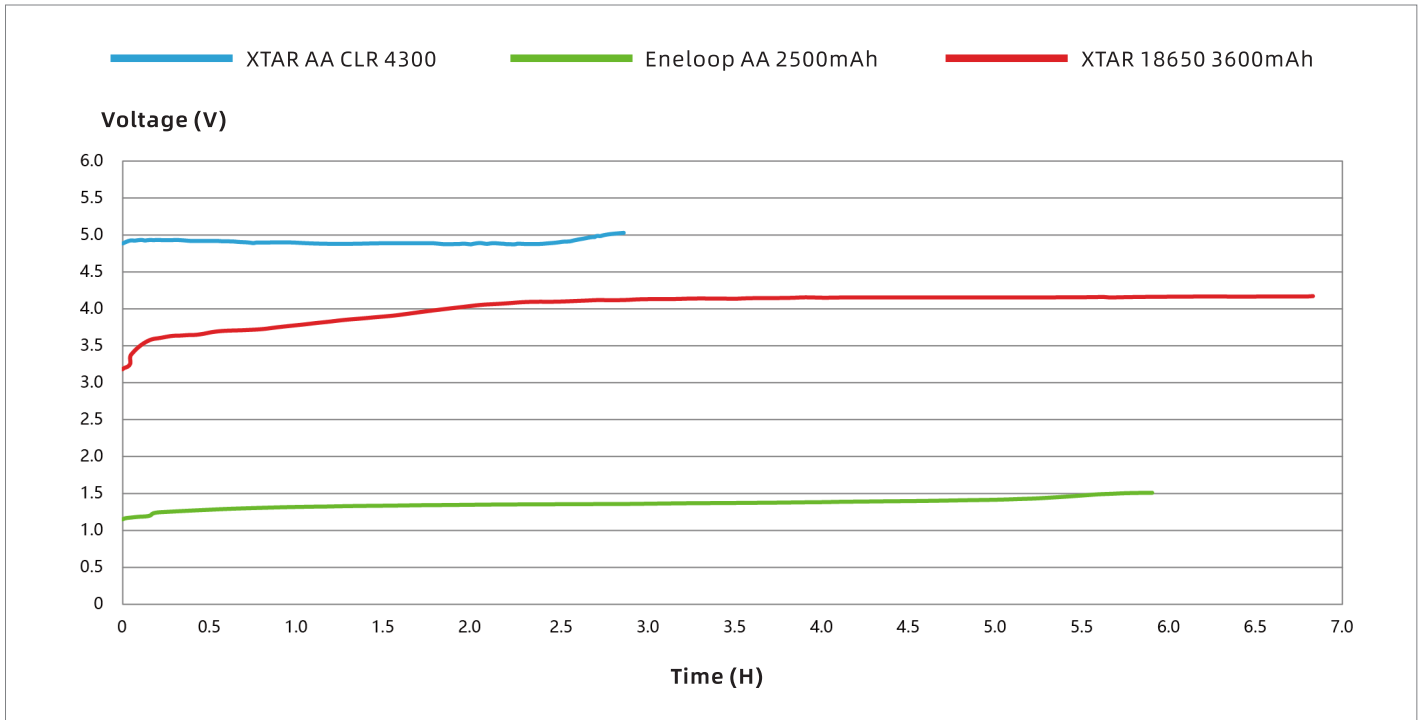
3.6V/3.7V Li-ion

XTAR	18650 3500mAh / 21700 5000mAh
Vapcell	18650 3500mAh / 21700 6000mAh
Fenix	18650 2600mAh / 21700 5000mAh
SureFire	18650 3500mAh
Streamlight	21700 4900mAh
Nitecore	18650 3600mAh / 21700 5000mAh
Orcatorch	18650 3400mAh

MX8 Charge/Discharge Temperature Graph (< 50°C)



MX8 Charging Diagram



Caution

1. Please use only compatible batteries to avoid damaging both the battery and the charger.
2. If the input power is insufficient, the charger will reduce charging current correspondingly.
3. Do not use the charger in direct sunlight, humid (rainy), or dusty environments.
4. Please operate the charger in a well-ventilated area. Remove all batteries and unplug the charging unit from the power source when not in use.
5. Do not insert conductive materials or metal objects into the charger to prevent short circuits.
6. Do not disassemble or modify the charger; do not use it if it is damaged.

Important Notice

This data sheet contains typical information specific to batteries manufactured at the time of its publication.

Contents herein do not constitute a warranty and are for reference only.

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