



PRODUCT DATA

Parameter	Value
Model	X4
Manufacturer	XTAR
AC Input : 100	240V ~50/60Hz 0.8A (universal mains)
USB Input	DC 5V/2.1A (Micro-USB)
USB Output	DC 5V/1A (power bank function)
Number of Channels	4
Charging Current (2 batteries)	AC powered) : 2A per channel
Charging Current (4 batteries)	1A per channel
Charging Current (short batteries)	0.5A (auto-selected based on battery length)
End-of-Charge Voltage (Li-Ion)	4.20V $\pm$ 0.05V
End-of-Charge Voltage (Ni-MH)	1.45V $\pm$ 0.1V
Min Slot Length	31mm
Max Slot Length	72.3mm
Operating Temperature : 0	40°C
Compatible Li-Ion Batteries : 3.6V/3.7V Li-Ion/IMR/INR/ICR	14500, 14650, 16340, 17335, 17500, 17670, 18350, 18490, 18500, 18650, 18700, 20700, 21700, 22650, 25500, 26650 (including protected 20700/21700)
Compatible Ni-MH/Ni-CD Batteries : 1.2V	AAAA, AAA, AA, A, SC, C
Charging Method	3-Stage TC/CC/CV
Ni-MH Termination Method	0 Δ V and $-\Delta$ V
0V Battery Recovery	Yes
Auto Battery Detection	Yes (auto-detects Li-Ion vs Ni-MH)
Auto Current Selection	Yes (adjusts based on battery length, chemistry, power source, number of slots)
Display	Dial-style LCD (shows voltage, charging current, charged capacity, battery type, charge % per channel)
Display Backlight	Yes (button to restore or dim; button also switches display between slot pairs)
Button	1 (backlight / display channel selection)
Power Bank Function : Yes (USB-A output	uses one battery; maintains output until battery empty)
Internal Resistance Testing	No
Housing Material	Fire-resistant ABS
Certifications	CE, FCC, RoHS

Protections	Over-charge, over-discharge, over-heat, short circuit, reverse polarity, temperature monitoring
In the Box	X4 charger, AC power cord, user manual

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