



The **Nitecore UMS2** USB charger is a real powerhouse when it comes to charging speed, capable of delivering up to **3,000 mA on a single port and 4,000 mA across two ports (2,000 + 2,000)**.

Thanks to a micro-USB input port, the charger accepts **various power sources such as a power bank, a solar panel or a standard USB charger**. The charger's charging speed will depend on the source to which it is connected. Thus, when connected to a solar panel, the charging speed will not be the same as when plugged into the mains.

Allows a 3500 mAh battery to be charged to 80% in 55 minutes.

LCD screen displaying battery status, including internal resistance measurement, charged capacity (mAh), charging time, battery voltage, charging current and battery type.

This charger features a special programme for IMR batteries that controls the charging process to preserve battery life.

By holding down the C button, you can access the manual charging settings to adapt the charger to your devices

The Nitecore UMS2 charger is protected against overheating and short circuits



UMS2 charger

List of compatible battery and rechargeable battery:

Li-Ion and IMR: 10440, 14500, 14650, 16500, 16340 (RCR123), 16650, 17350, 17500, 17650, 17670, 18350, 18490, 18500, 18650, 18700, 20700, 21700, 22500, 22650, 25500, 26500, 26650, 26700

LiFePo4, Ni-MH / NiCd: AA, AAA, AAAA, C, D

This charger is fully portable; you can use it almost anywhere thanks to its USB connection

Technical specifications

- Input: DC 5 V/2 A, 9 V/2 A, 18 W (MAX)
- Output: 4.35 V / 4.2 V / 3.7 V / 1.48 V
- Output current: 3 A x 1 or 2 A x 2 in Fast Charge mode
- 2 A x 1 or 1 A x 2 in standard mode
- Dimensions: 152 mm x 73 mm x 40 mm
- Weight: 157.7 g (excluding batteries and power cable)
- Can charge 2 batteries simultaneously
- Automatic battery capacity detection
- Manual or automatic selection of battery charging voltage and current
- IMR battery restoration function
- Reverse polarity protection
- Automatic charge shutdown after 20 hours to prevent battery overheating.
- Designed for optimal heat dissipation
- Complies with CE, RoHS, FCC and CEC standards
- One-year warranty
- Colour: black, charger supplied with USB charging cable

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger



**QC Input Enabling
a Total Max Output of
4,000mA**

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger



Features

- Intelligent USB-C Dual-Slot Superb Charger
- QC 2.0 Input available
- Capable of charging 2 batteries simultaneously and controlling each slot independently
- Up to 3,000mA charging speed in a single slot
- Compatible with Li-Ion and Ni-MH/Ni-Cd batteries with automatic detection
- Automatic detection of battery power level and automatic selection of the appropriate voltage and charging mode (LiFePO4 and 3.8V Li-Ion batteries excluded)
- Automatic selection between 3 charging modes (CC, CV and -dV/dt)
- Energy-efficient LCD display for real-time charging information

- Capable of manually selecting the charging cut-off voltage and the charging current
- Automatic detection of large/small capacity batteries and automatic selection of appropriate charging current
- Automatic termination upon charging completion
- Reverse polarity protection and short circuit protection
- Over-discharged battery activation
- Li-Ion battery restoration
- Overtime charging protection
- Automatic detection of battery internal resistance and display of battery health
- Made from durable and fire-retardant PC materials
- Optimal heat dissipation design
- Certified by CE, FCC and CEC
- Insured worldwide by Ping An Insurance (Group) Company of China, Ltd.

Specifications

Input: DC 5V/2A 9V/2A 18W (MAX)

Output: 4.35V±1% / 4.2V±1% / 3.7V±1% / 1.48V±1%

QC Mode: 3,000mA*1 (MAX), 2,000mA*2 (MAX)

Standard Mode: 2,000mA*1 (MAX), 1,000mA*2 (MAX)

Compatible with:

IMR/Li-Ion/LiFePO4:

10440, 14500, 14650, 16500, 16340 (RCR123), 16650, 17350, 17500, 17650, 17670, 17700, 18350, 18490, 18500, 18650, 18700, 20700, 21700, 22500, 22650, 25500, 26500, 26650, 26700

Ni-MH/Ni-Cd: AA, AAA, AAAA, C, D

Dimensions: 152mm×73mm×40mm (5.98"×2.87"×1.57")

Weight: 157.7g (5.56oz) (Charging cable not included)

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger



Charging Program Specially Optimized for IMR Batteries

UMS2 incorporates an optimized IMR battery charging program, which is able to monitor the entire charging process, ensuring that the cut-off voltage is always within safe limits to extend the lifespan of the batteries.

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger

USB-C Port • Multiple Input Sources Available

Compatible with various mobile power source, solar panel and USB adaptors to ensure endless power supply.

USB Adaptor | Power Bank | Solar Panel



USB Adaptor



Power Bank



Solar Panel



These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.



UMS2 charger

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger



Single Slot Max Output of

3,000 mA

55 Minutes

55 Minutes to Charge 80%
of a 3,500mAh battery

The stated data is tested according to relevant standards and for references only.
Non QC Input: The default charging current for Li-ion batteries is 0.5A/1A according to the battery type and capacity. The max charging current can be set to 2A. The voltage of the battery is 4.2V when fully charged.

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger



**Constructed from
Durable and Fire
Retardant PC
Materials**

Fearless of the complex outdoor
environments

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger

Energy Saving Function

If there is no action to the buttons or batteries in 10 minutes,
the screen will automatically go dim to save energy.



NITECORE®

UMS2

Intelligent USB-C Dual-Slot
Superb Charger

Unique Cooling Fins Design

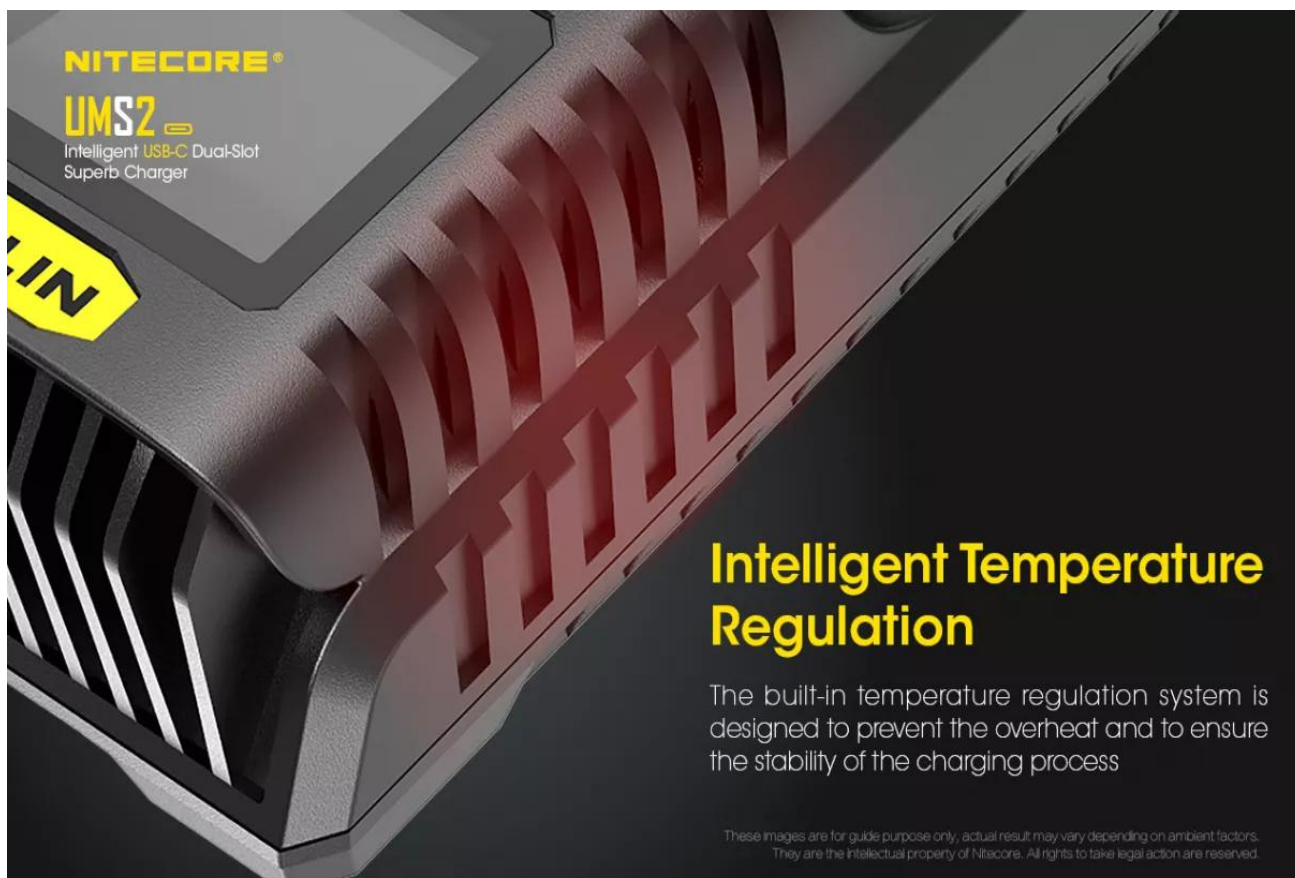
The cooling fins on UMS2 are
designed to enable extreme
cooling performance to dissipate
heat rapidly to avoid possible
hazards.





UMS2 charger

NITECORE®
UMS2
Intelligent USB-C Dual-Slot
Superb Charger



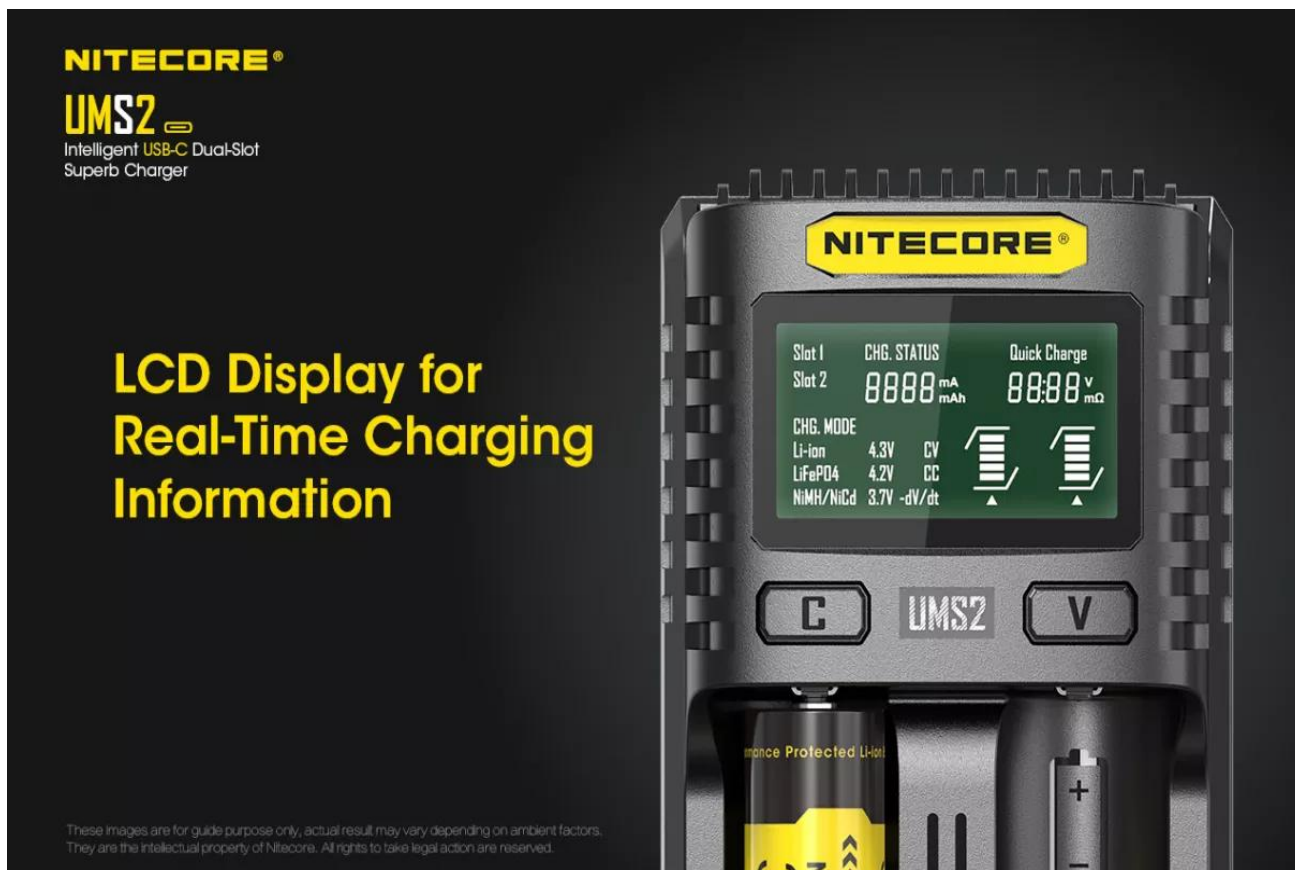
Intelligent Temperature Regulation

The built-in temperature regulation system is designed to prevent the overheat and to ensure the stability of the charging process

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.

NITECORE®
UMS2
Intelligent USB-C Dual-Slot
Superb Charger

LCD Display for Real-Time Charging Information



Slot	CHG. STATUS	Quick Charge
Slot 1	8888 mA	88:88 V
Slot 2	8888 mA	88:88 V

CHG. MODE

Li-ion	4.3V	CV
LiFePO4	4.2V	CC
NiMH/NiCd	3.7V	-dV/dt

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.



NITECORE®

3A UMS2 
SPEEDY CHARGE Intelligent **USB-C** Dual-Slot Superb Charger

- QC Input Available
- Total Max Output of 4,000 mA
with Single Slot Max Output of 3,000 mA
- LCD Display for Real-Time Charging Information
- USB-C Charging Port for Outdoor Charging

These images are for guide purpose only, actual result may vary depending on ambient factors.
They are the intellectual property of Nitecore. All rights to take legal action are reserved.



UMS2 charger