Three indicators on stand for power levels above 81%;

1. When a battery is installed inside F1’s charging slot, its power indicators will blink to indicate the battery’s power levels. The numbers of blinks from the indicator in the top stand for charging with 1000mA current, 500mA current. The numbers of blinks from the indicator in the middle stand for charging with 500mA current, 250mA current. The numbers of blinks from the indicator in the bottom stand for charging with 250mA current. For example, when a 4.2V battery is installed, the top indicator blinks four times, followed by two blinks from the middle indicator.

2. After voltage indication, the three indicators will blink to indicate battery power levels.

2. F1 features intelligent USB charging management system. Under sufficient input power, F1 can simultaneously charge a battery in the slot and a connected external device (with 1000mA current). With lower input power, F1 can charge the battery with 500mA current, and charge the external device with 1000mA current.

3. With the input power insufficient to support charging two items simultaneously, F1 will charge the battery only with 5000mA current. After battery charging completed, F1 will proceed to charge the connected external device.

Note:
1. A battery must be placed in the slot in order to charge an external device through USB.
2. If the battery is installed with polar reversed, F1’s indicators will not turn on.

Charging Process Indication
F1 uses three LEDs to indicate the power levels and charging progress of the battery in its slot. 2Hz fast blinks stand for charging with 1000mA current, 1Hz blinks for charging with 500mA current. The numbers of solid on indicators denote charging progress. The three indicators indicate on indicator charging completion.

Power Bank Function
Without an external power source, F1 can charge an external device connected to its USB output port with the large capacity battery in its slot.
1. Install a large capacity battery inside F1’s charging slot and fix it with the included rubber band.
2. Connect an external device (i.e. a mobile phone) to F1’s USB output port via a USB cord to charge this device.
3. Connect an external device (i.e. a mobile phone) to F1’s USB output port via a USB cord to charge the device.

Standard Charging
1. Install a battery inside F1’s charging slot and fix it with the included rubber band. F1 will indicate the battery voltage with power indicator blinks.
2. Connect F1’s USB input port to an external power source via a USB cord to charge the battery.
3. Connect an external device (i.e. a mobile phone) to F1’s USB output port via a USB cord to charge the device.

The Intelligent Charging
1. F1 can automatically identify the type of the installed battery. Under sufficient input power, F1 will charge a battery of large capacity in the slot with 1000mA current, or a battery of small capacity in the slot with 500mA current.
2. F1 features intelligent USB charging management system. Under sufficient input power, F1 can simultaneously charge a battery in the slot and a connected external device (with 1000mA current). With lower input power, F1 can charge the battery with 500mA current, and charge the external device with 1000mA current.
3. With the input power insufficient to support charging two items simultaneously, F1 will charge the battery only with 500mA current. After battery charging completed, F1 will proceed to charge the connected external device.

Note:
1. A battery must be placed in the slot in order to charge an external device through USB.
2. If the battery is installed with polar reversed, F1’s indicators will not turn on.

Charging Process Indication
F1 uses three LEDs to indicate the power levels and charging progress of the battery in its slot. 2Hz fast blinks stand for charging with 1000mA current, 1Hz blinks for charging with 500mA current. The numbers of solid on indicators denote charging progress. The three indicators indicate on indicator charging completion.

Power Bank Function
Without an external power source, F1 can charge an external device connected to its USB output port with the large capacity battery in its slot.
1. Install a large capacity battery inside F1’s charging slot and fix it with the included rubber band.
2. Connect an external device (i.e. a mobile phone) to F1’s USB output port via a USB cord.
3. F1’s intelligent USB charging system identifies the external device and begins charging.

Note:
1. During charging, the power indicators will indicate the power levels of the battery in the slot with blinks. When power levels are below 3.3V, the three indicators will blink to alarm the user. When power levels are below 2.8V, F1 terminates charging to protect the battery.
2. When F1 detects a small capacity battery (e.g. 16340, RCR123, 14500, 10440) in its slot, the three indicators will blink to alarm the user. When power levels are below 2.8V, F1 terminates charging after five seconds to protect the battery.
3. Without an external device connected to F1, F1 will automatically turn off the three indicators and enters sleep mode.

Battery Activation
The F1 is capable of activating depleted Li-ion batteries with protective circuit. After battery installation, F1 will test and activate the battery before charging is performed from an authorized dealer or distributor. NITECORE’s warranty is provided only for products purchased from an authorized source. This applies to all NITECORE products.

Warning: Do NOT attempt to charge primary cells such as alkaline, zinc-carbon, lithium, CR123A, CR2, or any other unsupported chemistry due to risk of explosion and fire.

F1 IS RESTRICTED TO CHARGING Li-ion AND IMR RECHARGEABLE BATTERIES. NEVER USE F1 WITH OTHER TYPES OF BATTERIES AS THIS COULD RESULT IN BATTERY EXPLOSION, CRACKING OR LEAKING, CAUSING PROPERTY DAMAGE AND/OR PERSONAL INJURY.

DisclaimerThis product is globally insured by Ping An Insurance (Group) Company of China. Ltd. Nitecore shall not be held responsible or liable for any loss, damage or claim of any kind incurred as a result of the failure to obey the instructions provided in this user manual.

Warning Details
Our authorized dealers and distributors are responsible for warranty service. Should any problem covered under warranty occur, customers can contact their dealers or distributors or contact their warranty claim, as long as the product was purchased from an authorized dealer or distributor. NITECORE’s warranty is provided only for products purchased from an authorized source. This applies to all NITECORE products.

Any DOA / defective product can be exchanged for a replacement through a local distributor/supplier within the 15 days of purchase. After 15 days, all defective / malfunctioning NITECORE® products can be repaired free of charge for a period of 12 months (1 year) from the date of purchase. Beyond 12 months (1 year), a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts.

The warranty is nullified if the product is subjected to:
1. Broken down, reconstructed and/or modified by unauthorized parties.
2. Damaged from non-warranty operations (i.e. reserve polarity installation, installation of non-rechargeable batteries), or damaged by batteries leakage.

For the latest information on NITECORE® products and services, please contact a local NITECORE® distributor or send an email to service@nitecore.com.

If all images, text and statements specified herein this user manual are for reference purpose only. Should any discrepancy occurs between this manual and information specified on our website, information on our official website shall prevail. Sysmax Industry Co., Ltd. reserves the rights to interpret and amend the content of this document at any time without prior notice.

Validation code and QR code on package can be verified on Nitecore website.

WARNING: F1 IS RESTRICTED TO CHARGING Li-ion AND IMR RECHARGEABLE BATTERIES. NEVER USE F1 WITH OTHER TYPES OF BATTERIES AS THIS COULD RESULT IN BATTERY EXPLOSION, CRACKING OR LEAKING, CAUSING PROPERTY DAMAGE AND/OR PERSONAL INJURY.