

***POWER...ANYWHERE***



**Zartek Mobile powerpack**

**ZA-350**

**User's manual**

***POWER...ANYWHERE***

## INTRODUCTION

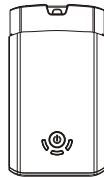
Please read this manual before operating the powerpack as it contains important information for operation and charging.

Zartek Mobile Powerpack is a revolutionary source of power that can charge and provide power for many kinds of portable electronic equipment anywhere and anytime.

Powerpack makes an excellent substitute power back-up and supply for personal electronics by means of its wide charging compatibility with USB and DC ports. Ideal for recharging a mobile phone, two-way radio, PDA, MP3 and MP4 player, iPod, camera and other rechargeable devices that utilize a USB charging cable.

Powerpack's compact design with the latest Li-ion battery technology provides back-up power when you need it most such as when traveling, being far from your conventional charging source or just for the peace-of-mind that you are always able to charge that flat battery.

## INCLUDED ITEMS



①



②



③



⑤



④



⑥

- ①. Mobile Powerpack      ②. Mobile phone connectors (Samsung, Sony Ericsson, Mini USB, Nokia)\*  
③. Retractable USB/DC cable      ④. AC adaptor  
⑤. Wrist strap      ⑥. User's manual

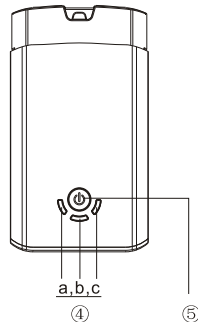
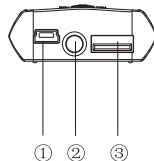
\*Illustrations may differ from actual product.  
Connectors may not fit all models of mobile phones

## FUNCTION DESCRIPTION

| Item              | Description   |
|-------------------|---|
| ① DC IN Port      | Mini USB charging/input port, 5.0V  |
| ② Mini flashlight | Hi-efficient LED light with ON/OFF button   |
| ③ DC OUT Port     | USB Output port, 5.3V   |
| ④ Indicator light | Charging status/ battery level light<br>a LED on : 10%---40%(battery capacity)<br>a.b LED on : 40%---70%(battery capacity)<br>a.b.c LED on : 70%---100%(battery capacity) |
| ⑤ Button          | Power on/off, flashlight and battery level  |

Cycle of operation for button:  
Power off→ flashlight/charging output→ flashlight→ charging output→ power off

## FUNCTIONAL DIAGRAM



## SAFETY PRECAUTIONS

Please read and observe all warning and instructions given on this owner's manual and those marked on the unit before using. This product has been designed and manufactured to assure personal safety. Improper use can result in danger. Please observe the following procedures for installation, use and servicing.

1. Do not disassemble, break or puncture the battery.
2. Do not modify the built-in circuit in any way. Improper usage, dropping or short circuiting of the battery may damage the battery permanently.
3. Use and store the product in normal conditions. Keep the powerpack away from heat, fire, wet or damp places as it may cause fire or explosion (The working temperature range: -10~60 degree).
4. To maintain life-span, store the powerpack with sufficient charge. Capacity may decrease if the battery is kept flat for extended periods.
5. Store the product carefully and out of reach from children.
6. Extend the retractable cable by pulling gently on both cables. Do not over pull the cable beyond the limit.

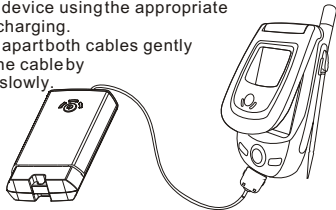
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## INSTRUCTIONS TO CHARGE A DEVICE

**For example: to charge a mobile phone or other electronic device**

- 1) Connect the supplied USB/DC cable (or device's own USB cable) to the powerpack's USB output port.
- 2) Press the button to select charging output (once or three times).
- 3) Connect the other end of the cable to a device using the appropriate connector. The device should indicate charging.
- 4) Extend the retractable cable by pulling apart both cables gently and lock at different lengths. Release the cable by pulling both cables slightly and closing slowly.
- 5) Remember to power off the powerpack after charging is complete and disconnect cable.

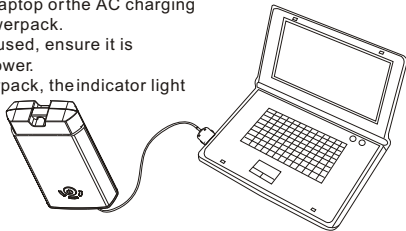
**Ensure powerpack is in charging mode before connecting to a device or it may not charge.**



⑥

## INSTRUCTIONS TO CHARGE THE POWERPACK

- 1). Connect the USB/miniUSB cable to the powerpack's mini USB input port using the connector supplied.
- 2). Connect the other end of the USB/miniUSB cable to the USB port on a computer, laptop or the AC charging adaptor supplied with the powerpack.
- 3). If the AC charging adaptor is used, ensure it is attached properly to mains power.
- 4). After connecting to the powerpack, the indicator light illuminates when charging and shows the battery level.
- 5). The indicator light turns off when charging is finished.



## SPECIFICATION

|                |              |
|----------------|--------------|
| Model          | ZA-350       |
| Capacity       | 1800mAh      |
| Input Voltage  | 5V           |
| Input Current  | 450mA        |
| Output Voltage | 5.3V         |
| Output Current | 500mA        |
| Charging time  | 4-5Hours     |
| Size           | 80×45×15.5mm |
| Weight         | 65g          |

## **TROUBLE SHOOTING**

### 1) Why does the powerpack not start up normally?

The power may be used up, so recharge the powerpack. If there is a short circuit on the output, the powerpack can protect itself, change the charging connector and try charging again. Powerpack may need to be charged a little to go out of protection mode.

### 2) What if the powerpack gets hot when charging or discharging?

When charging or discharging the powerpack may heat up slightly as energy is being consumed, this is a normal phenomenon. The functionality will not be negatively affected.

### 3) Why does the power button not work when connecting the powerpack to my device?

The powerpack could be in a protection mode. Disconnect the cable from the device, push button on powerpack to select charging output on and reconnect device.

## **WARRANTY**

Zartek gives a 12 month factory warranty from the date of purchase for the powerpack and standard accessories covering faults arising from normal operation. Customer damage, negligence or injury arising from improper use is not covered by this warranty.