

SUPPLEMENTAL MANUAL

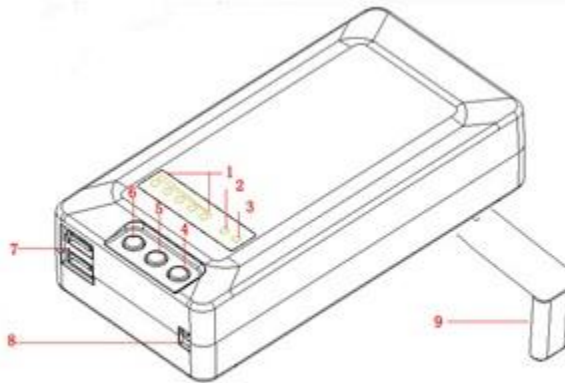
ABN-818 12W PORTABLE DYNAMO POWER BANK

- 2.1Amp & 1Amp DUAL USB
- 110Lumen/2W LED FLASHLIGHT
- 5W DYNAMO CRANK CHARGER

SPECS:

Battery	12W/12,000mAh Li-ion
OUT PUT	DC 5V/3A
IN PUT	DC 5V/2A
LED	110 Lux, 1W
LED lighting	50hrs of light
Generator	5W /5V/500mAh
USB Port	Double, output 5 V
Charging/Discharging protection	When less than 2.7v, Automatic shut-off
Dimensions	5.75*3*1.5in/150*75*38 mm
Weight	12.6ozs/360 g

FEATURES:



1. 5 LEVEL CHARGE STATUS LED DISPLAY - CHARGE/DISCHARGE MONITOR (20% INCREMENT)
2. LED FUNCTION INDICATOR- CHARGING(RED)/ FULLY CHARGED(GREEN)
3. LED FUNCTION INDICATOR (RED) - DYNAMO CRANK CHARGING DISPLAY
4. LED FLASHLIGHT SWITCH—press once to turn on/press again to turn off
5. HAND CRANK GENERATOR FUNCTION BUTTON-
 - a. PUSH- IN TO CHARGE INTERNAL BATTERY- make sure button is not pushed in when using dynamo crank to charge external devise. If so, dynamo charging will take longer .

- b. PUSH OUT TO CHARGE EXTERNAL DEVISE CONNECTED BY USB – effective charging occurs at <100rpm (revolutions per minute). The faster the rpm, the quicker the charge.
6. ON/OFF POWER SWITCH (**TURN SWITCH OFF WHEN POWER BANK IS NOT IN USE.**) It is not necessary to turn power switch when charging internal battery by DC power or dynamo crank.
 - a. PRESS ONCE TO TURN ON—Turn switch on to charge external devises through USB input port. CHARGE STATUS LIGHTS DISPLAY BATTERY LEVEL IN 20% INCREMENT.
 - b. PRESS ONCE TO TURN OFF (**TURN SWITCH OFF WHEN POWER BANK IS NOT IN USE.**)
7. DUAL USB OUTPUT- for charging external devises. Charge two devises at the same time.
8. DC INPUT – internal battery CHARGING PORT FOR DC JACK. Use DC jack with yellow ring.
9. GENERATOR HANDLE- Charge internal battery or external devises by dynamo crank. Special steel gear produces maximum energy with each revolution.

OPERATION:

- Fully charged power bank battery provides 50hrs of illumination from the flashlight.
- Dynamo cranking for 1min. at<100rpm provides 3 to 10mins of light.
- Fully charged power bank battery provides over 1 month of power to charge portable devises.

1 Year limited manufacturer's repair or replacement warranty

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