

— *Keep warm and stay charged* —



# EnergyFlux Ellipse

Rechargeable Hand Warmer/ External Battery Pack

5200 mAh

The hand warmer's temperature and operating time may vary in different temperature conditions.

- In very low temperatures, keep the hand warmer in a glove, pocket or bag to isolate it from the cold. This will allow the unit to heat up faster and stay warm for longer.
- In 32°F (0°C), the unit will reach -105°F (41°C) on low and -115°F (46°C) on high. The hand warmer can maintain this temperature for longer at room temperature and less time in cold temperatures.
- Turn off the hand warmer when not in use to save energy.
- Frequently switching the unit on and off may reduce usage time.

### **Use as Battery Pack**

This unit can provide approx. 5200mAh of charge to other devices when fully charged. To use as a battery pack:

- 1) Turn off the hand warming function.
- 2) Connect the EnergyFlux to your device using the USB cable that came with the device you wish to charge.
- 3) The EnergyFlux's LEDs will turn on to indicate charging is in progress (red LED) and the EnergyFlux's battery status (blue LEDs).



**Use as Hand Warmer**

For low heat: Hold down the button until the red LED flashes.

For high heat: Enter low heat mode, then quickly press the button again. The red LED will flash faster to indicate high heat mode is active. Press again to return to low heat mode.

Turn off: Hold down the button until all indicator lights turn off.

**Battery status**

When the EnergyFlux is off, give the button a short press to view battery status

LED Indicators	Battery status
3 Blue LEDs	Battery full
2 Blue LEDs	Battery partly full
1 Blue LED	Battery getting low; charge soon
1 Blue flashing LED	Battery low; charge immediately

## Temperature and Operating Time

Setting	Max warming temp.	Operating time
Low	107° F (42° C)	Approx. 6.5 hours
High	118° F (48° C)	Approx. 5 hours

\* All data based on tests conducted at 77°F / 25°C.  
Operating time will change depending on surrounding temperature.

## Charging EnergyFlux

Make sure the unit is fully charged before first use or when it has not been used in a long time.

- Turn off the hand warmer before charging.
- To charge, plug the micro USB end of the provided cable into the unit and the big USB end of cable into a USB wall adapter (not included) or a device with USB port (ex.: computer). The unit is most effectively charged when the provided charging cable is used with a USB wall adapter/charger.
- The three blue LEDs show the remaining charge. When charging, each blue LED will flash until all three are lit, indicating that charging is complete.
- Charging time is about 6 hours.
- To maximize the lifespan and capacity of the EnergyFlux's lithium batteries, we recommend charging the EnergyFlux at least every 3 months, even when not being used.
- Do not allow the EnergyFlux's battery to remain low for extended periods.
- Store EnergyFlux in a cool, dry place to help.

NOTE: DO NOT CONTINUE CHARGING FOR MORE THAN 12 HOURS EVEN IF THE INDICATOR LED CONTINUES TO FLASH EVEN AFTER THE EXPECTED CHARGING TIME.

## Caution!

BEWARE of the following to avoid low temperature burns:

- DO NOT keep the hand warmer in direct contact with your skin for too long.
- STOP USE if heat causes discomfort and seek medical attention if problems persist.
- DO NOT use it while sleeping.
- Diabetes patients must be extremely careful when using the hand warmer as the extremities may be less sensitive to heat.
- DO NOT place or use it in high-temperature conditions or near a fire.
- NEVER throw into a fire or place it in a flame.
- KEEP the hand warmer away from water and other liquids.
- DO NOT use in humid places or near water, such as the bathroom.
- NEVER connect the hand warmer to any faulty electrical socket, plug or USB port.
- DO NOT continue use after strong impact or shock.

## Additional Tips

	EnergyFlux mode		
LED Display	Hand warmer	Battery pack	Charging
Solid red LED	–	Charging device	EnergyFlux is Charging
Slow flashing red LED	Low heat	–	–
Fast flashing red LED	High heat	–	–
Solid blue LEDs	Shows battery status	Shows battery status	Fully charged
Fast flashing blue LED	Low battery	Low battery	Charging

### How to prolong battery life

- To prolong lithium-ion batteries, keep it charged at all times.
- Avoid fully depleting the battery or leaving the battery in a fully discharged state.
- If you only use the EnergyFlux in the winter season, be sure to put a reminder on your calendar to charge the EnergyFlux every month or two to maintain the battery's health and ensure it is ready to go when cold temperatures return.

### How to prolong heating time

- Factors that affect heating time include surrounding temperature, humidity, insulation, your hands' temperature, etc. Heat will escape from the unit faster when in direct contact with the cold, thus forcing it to work harder. Hence, it is best to keep the unit insulated in your pocket, gloves or scarf.
  - If the unit loses heat due to cold hands, keep holding the unit and it will start to feel warm once the amount of heat produced is more than the amount absorbed by your hands.
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- DO NOT use the hand warmer while charging.
  - USE the provided charging cable to prevent shortage of power supply or causing other damages.
  - CHARGE on a stable surface.
  - DO NOT cover or wrap in a cloth, to prevent explosion or fire.
  - DO NOT store in humid, dusty or hot places such as under direct sunlight or in locations subject to direct sunlight, such as automobiles.
  - KEEP out of reach of small children. Adult supervision is required when used by a child.
  - DO NOT dispose in the trash. Please recycle this product as a battery.

## Specifications

Dimensions: 3.5" x 2.3" x 1" (9 x 6 x 2.4 cm)

Weight: 4.8oz (135g)

Input: 5V, 0.8A

Output: 5V, 1.0A

Package contents: EnergyFlux hand warmer, USB charging cable

Battery: 2 x 18650 Li-ion battery (non-removable)

Capacity: 5200mAh

Storage/operating temp.: -4°F to 122°F (-20°C to 50°C)



## Troubleshooting

Problem	Cause	Solution
Does not heat up after switching on	Low battery	Charge your EnergyFlux
	Charging	Do not use hand warmer while charging
	Dead battery	After making sure all power has been used up, recycle the battery
	Outside temperature is too low	Keep the unit insulated and away from direct cold air
Mobile device does not charge	Unstable connection	Try another micro USB cable and check to see if the cable, your device or EnergyFlux is faulty
Operating time is shorter than normal	Device is not fully charged	Charge device using the included USB cable
	The product has reached the end of its useful life	When operating time becomes very short even after recharging, the battery may be dead
	Outside temperature is too low	Usage time varies with temperature conditions

For any questions please contact us by going to:  
[www.human-creations.com](http://www.human-creations.com)