



# W-ARMY

The Portable Limb Heater

8+ HOURS OF WARMTH





**W-ARMY**  
The Portable Limb Heater

# INTRODUCTION

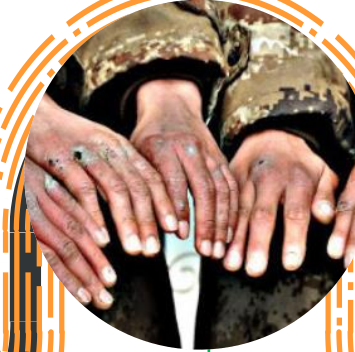
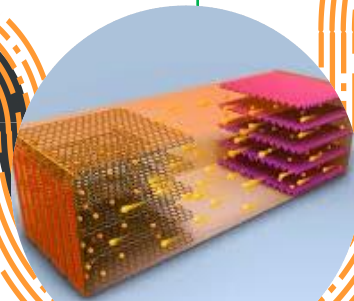
- ★ Established in 2001 by Chemical Engineers. IIT Mumbai
- ★ In the business of Manufacturing & Global Distribution of Speciality chemicals
- ★ R&D to create & Produce niche products in India
- ★ Corporate office in Mumbai. Manufacturing at Tarapur ISO 13485:2003 certified

# THE PRODUCT & FEATURES

W ARMY developed. Self heating portable range of limb and body warmers. Green technology.

Designed for troops HAA/SHAA sectors to overcome extreme cold related afflictions

Simply place in enclosed region. Body Parts rich in blood supply like Axilla, Neck veins and Groin help circulate continuous heat resulting in comfort and warmth



3 years of extensive R&D and certified by NABL accredited laboratory from Bangalore

like Chill Blains, Frost bite and Hypothermia induced by weather conditions

# THE PRODUCT & FEATURES

Upto 8 + hours of continuous warmth of 40° C even in temperatures below -30° C.



Light weight, Portable, auto-activated. No fuel. No Power. Warmth 10-15 minutes onwards

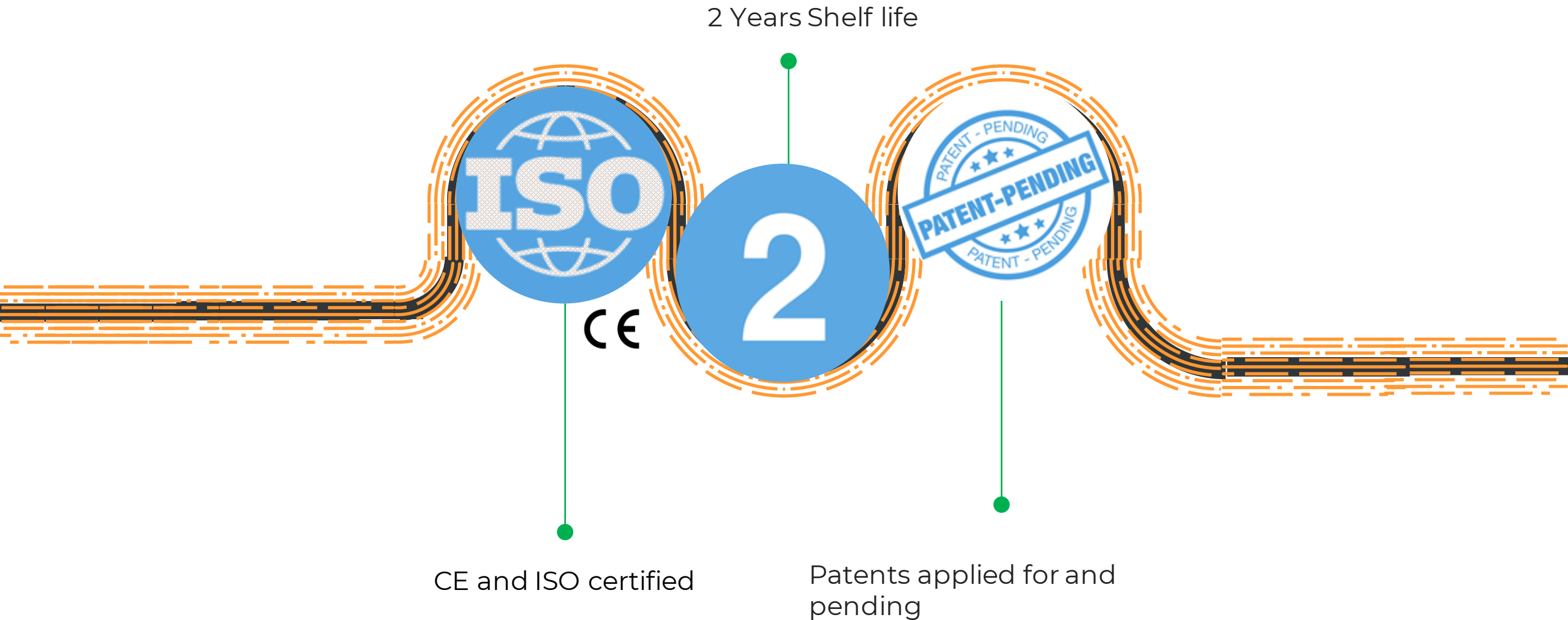
Available in customized shapes and sizes

Natural exothermic process. No chemicals. No fumes.

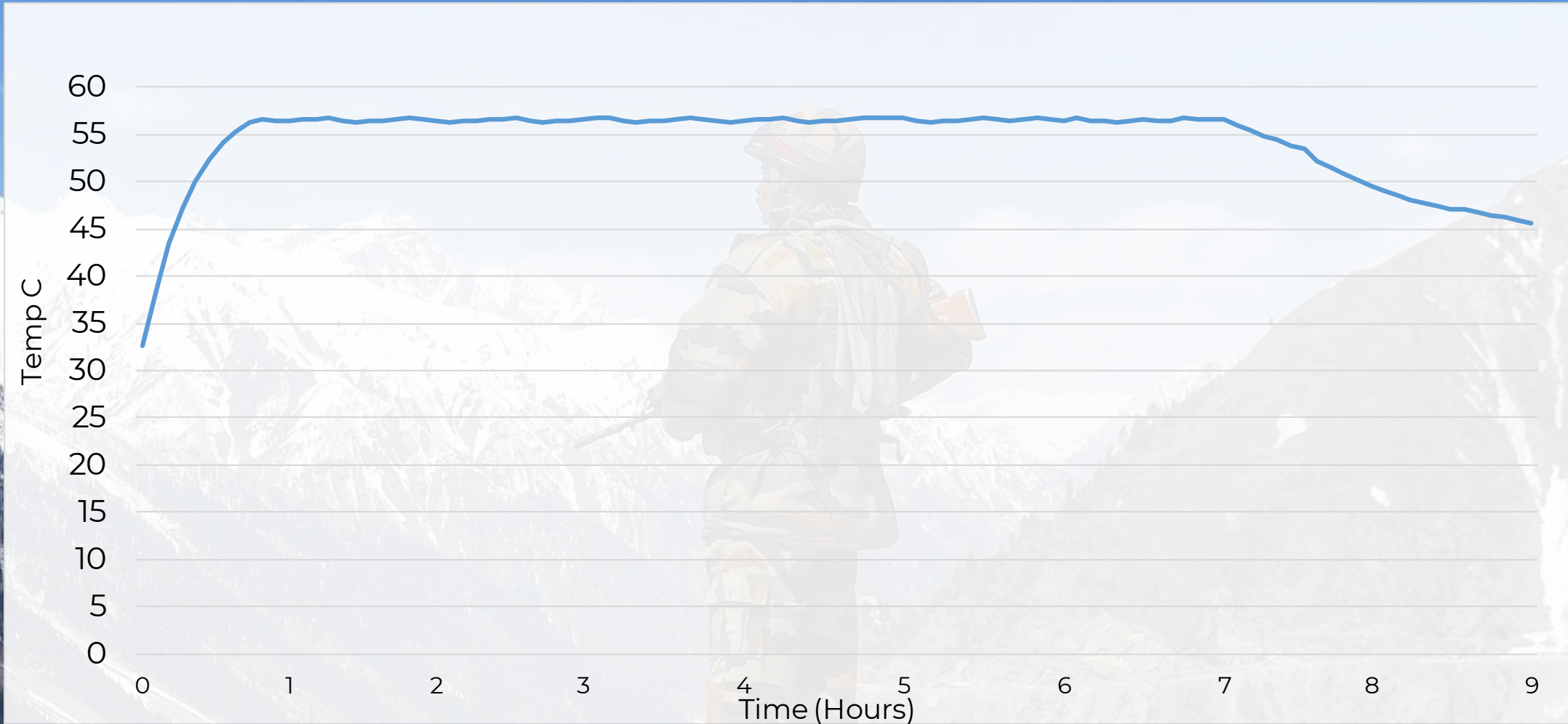
Safe. Non-toxic, Non-combustible, Easy to dispose. Environmental friendly.



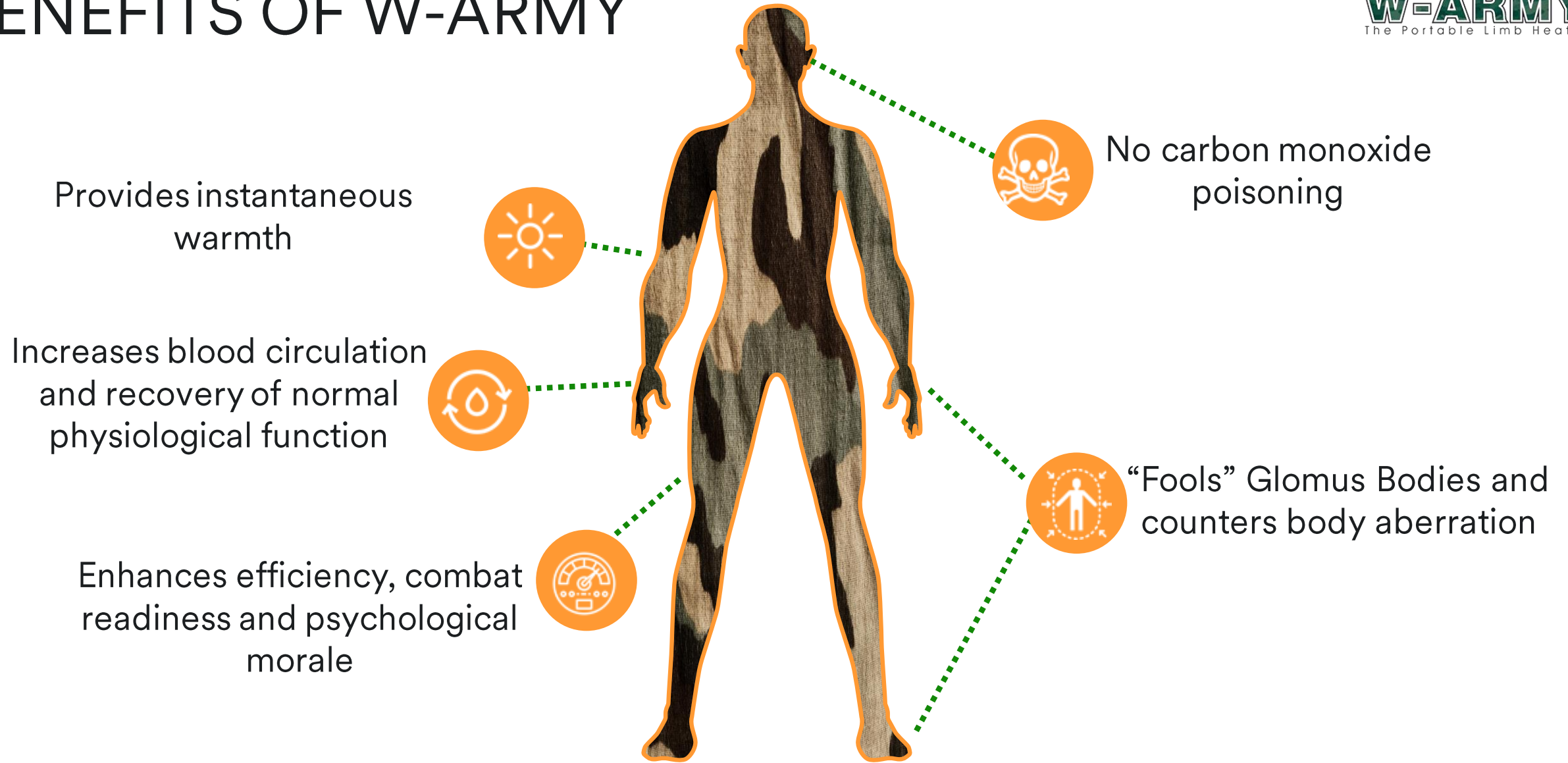
# THE PRODUCT & FEATURES



# TEMPERATURE CURVE OF W-ARMY



# BENEFITS OF W-ARMY



Reduces the burden on the existing medical infrastructure



# W-ARMY IS THE RIGHT FIT FOR TROOPS



Undergoing  
acclimatization



LR-CI Patrolling  
in low  
temperature &  
snow bound  
areas



Posts above  
9000 Ft



Med-evac  
Cases



# W-ARMY IS THE RIGHT FIT FOR TROOPS



Search and Rescue  
operations



Air crew and passengers  
flying in non pressurized  
aircraft and heptors



Reconnaissance  
expeditions

# OUR PRODUCT RANGE



Regular



Foot warmer



Mini hand warmer



Back-Shoulder-Neck-  
stomach



Toe Pair



Sticking type



# PRODUCT USAGE



Regular



Mini



Toe



Foot Sole



# SPECIFICATIONS

| TYPE / SHAPE  | MODEL NO. | PACKING Pouch per Pack | SIZE MM (+/- 5mm)<br>(LENGTH* WIDTH) | SIZE TOLERANCE | INNER PACK WEIGHT (gm) | BEAKER TEST for MIXTURE | TIME TO REACH 45 °C (MINUTES) | MAX TEMP °C | DURATION 45 °C TO 45 °C HR |
|---------------|-----------|------------------------|--------------------------------------|----------------|------------------------|-------------------------|-------------------------------|-------------|----------------------------|
| REGULAR       | WAEE01    | 1                      | 120 * 80                             | +/- 5MM        | 60 +/- 5               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 64 - 65     | MIN 8 HRS                  |
| MINI          | WAEE02    | 1                      | 90 * 70                              | +/- 5MM        | 30 +/- 3               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 55 - 56     | MIN 8 HRS                  |
| TOE PAIR      | WAEE03    | 2                      | 90 * 70                              | +/- 5MM        | 15 +/- 2               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 48- 52      | MIN 5 HRS                  |
| FOOT PAIR     | WAEE04    | 2                      | 250 * 75                             | +/-10MM        | 30+/- 2                | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 45 - 48     | MIN 5 HRS                  |
| SHOULDER      | WAEE05    | 1                      | 250 * 90                             | +/-10MM        | 45 +/- 3               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 50 - 55     | MIN 5 HRS                  |
| REGULAR STICK | WAES01    | 1                      | 120 * 80                             | +/- 5MM        | 40 +/- 3               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 55 - 60     | MIN 8 HRS                  |
| MINI - STICK  | WAES02    | 1                      | 90 * 70                              | +/- 5MM        | 20 +/- 2               | MIN 80 °C IN 40 MIN     | 15 TO 20                      | 50 - 55     | MIN 8 HRS                  |



# WAY FORWARD

Scope for expanding the benefits of W-Army to a larger user base



Significant user appreciation – Army Recommendation

Ready to conduct trials and demos at any location if required

Imperative part of standard gear for Trps in HAA/SHAA. Help increase operational efficiencies for peace time & Battle/Combat missions..

THANK YOU

DANKE

[WWW.W-ARMY.COM](http://WWW.W-ARMY.COM)

+91-98210-50034

[support@w-army.com](mailto:support@w-army.com)