

# Insect Bite Pen

Primary Alkaline Cylindrical Cells



### Insect Bite Pen

The insect bite pen is a medical device to treat insect bites or stings with heat therapy. The application is able to relieve from itching by concentrating heat on the affected spot on the user's skin after a couple of minutes. Concentrated heat therapy triggers body impulses to reduce itching and swelling.

### Battery challenge:

Medical applications require a safe and reliable battery solution with a long lifetime. Another key factor when deciding on battery type is how well the battery copes with the pulse discharges. Due to long and extensive experience VARTA cells will offer the highest possible performance for your medical application.

**Technical solution:**  
Alkaline Technology

For more information, please visit our website:  
<https://www.varta-ag.com/de/industrie/produktloesungen/alkali-mangan>



Characteristics	VARTA Alkaline INDUSTRIAL PRO AA & AAA
Capacity	1270 - 2970 mAh
Voltage	1.5 V
Dimensions	10.5 – 14.5 mm 44.5 – 50.5 mm
Specific energy	136 Wh/kg
Special features	Long running times and low self-discharge
Temperature range	-20 °C up to 50 °C
Shelf life	Up to 10 years

### VARTA Alkaline INDUSTRIAL PRO

The Alkaline INDUSTRIAL PRO series offers outstanding performance, long running time, safety and reliability for your applications. Being focused on the market requirements of modern electronic devices VARTA provides all these benefits through long and extensive global experience. Our quality controls guarantee outstanding safety features and the production lines in Germany ensure a maximum production accuracy.

- Long running times, at application specific discharge profiles
- Safe & reliable
- Low self-discharge
- Developed for stand-by & pulse applications with high discharge currents
- Complete type range
- Market-oriented packaging versions for OEM customers