

MASTERLIFE 312

Specifications:

Chemical system: Zinc Air (Zn/O₂)
Identification: IEC-PR41
Protective film: On positive terminal (see figure)
Film colour: Brown
Build standard: IEC 60086-1:2000
 IEC 60086-2:2000



Nominal voltage: 1.4 V
Capacity: 180 mAh (to 0,9 V; rated at 1.500 Ω, 25°C and 60% Relative Humidity)
Impedance: ≤ 5 Ω (at AC 1.000 Hz)
Available current: 6 mA (at 1.1 V)
Capacity retention: > 85% (after 3 years)
Operation temperature: 0°C to 50°C

Packaging:
 6 batteries in a blister

Packing unit:
 10 blister per box

Typical weight: 0.54 g
Typical volume: 0.17 ccm

Properties:

- Long shelf life of more than 3 years
- Not susceptible to corrosion

Recommended application:
 For hearing systems

Discharge characteristics at 1.500 Ω, 25°C and 60 % Relative Humidity (Discharged 24 hours/day)



Activation and use:

Remove the protective film from the positive terminal before placing in the battery compartment. After insertion, the Zinc Air battery requires a few minutes to reach full power.

Industry Standard Dimensions (mm)

