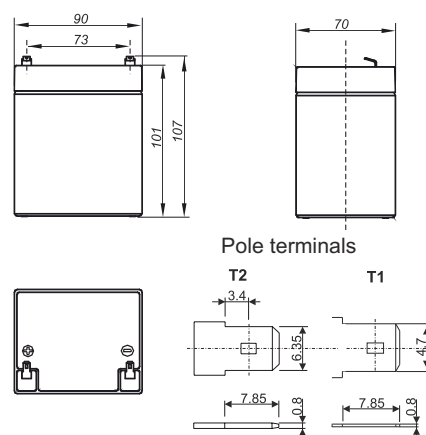


# ALARMTEC Sealed Lead Acid Maintenance Free Batteries of the BP series



**CODE:** BP5-12 v.1.0/l  
**NAME:** 5Ah/12V ALARMTEC/BP battery

EN\*\*



Tolerance: +/- 2mm;

## APPLICATION:

The **ALARMTEC** batteries of the **BP** series are dedicated for professional buffer power supply units used in security systems (CCTV, AC, IDS), automation systems, emergency lightning, telecom power systems, telephone exchanges etc.

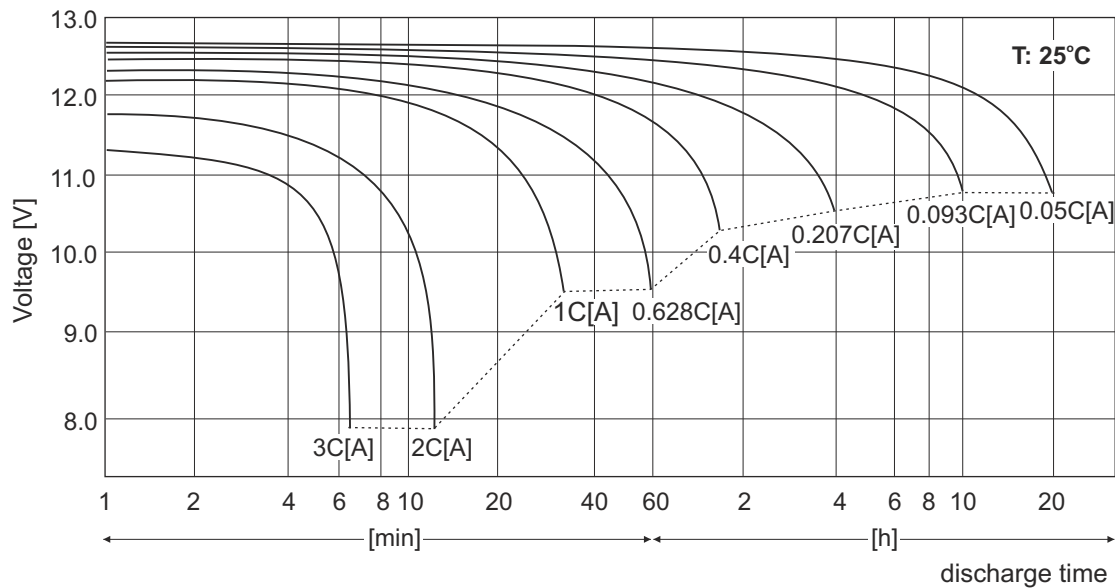
The batteries made with **AGM technology** (Absorbed Glass Mat) are fitted with electrolyte in glass fiber separators of high porosity, located between the plates. The AGM batteries have a low internal resistance, which allows for a higher voltage at the terminals and longer operation time.

The battery is approved for transportation by air, sea and land. The material is not classified as dangerous on the basis of *IATA / ICAO Special Provision A67, DOT-CFR Title 49 parts 171-189, IMDG amendment 27.*

## TECHNICAL DATA

Nominal voltage:	12V
Nominal capacity:	5Ah / C <sub>20</sub>
Projected lifespan:	3 ÷ 5 years at 20°C according to Eurobat Standard Commercial Group
Internal resistance:	≤ 45 mΩ
The charging voltage at 25°C:	
Buffer operation	13.65 V ± 0.15 V
Cyclic operation	14.70 V ± 0.30 V
Charging current:	
Recommended	0.5 A
Maximum	1.5 A
The maximum discharge current (5s):	75 A
Weight:	~ 1,8 kg
Dimensions:	W=90, H=107, D=70 [mm, +/-2]
Enclosure type:	
Standard	ABS UL 94-HB
Warranty:	1 year
Notes:	maintenance-free battery, made with AGM technology

Discharge characteristics



Self-discharge characteristics

