

# MAINTENANCE-FREE BATTERY VRLA AGM

## VPRO 14Ah 6V

INDEKS: 6AKAAGM614  
EAN: 5903760240462

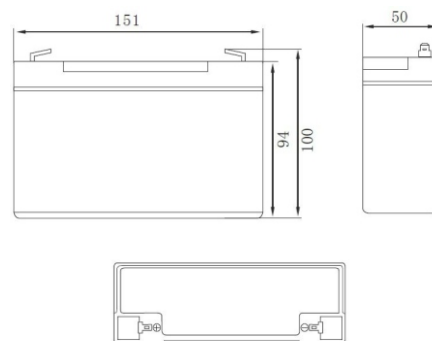
**VPRO batteries** by **VOLT Polska** are designed with **VRLA AGM (Absorbent Glass Mat)** technology, high performance plates and electrolyte to give extra power output for common power backup system. **The general features are:** heavy duty grid, non-spillable construction, mechanized assembly, high reliability and stability, sealed and maintenance-free, long life and low self-discharge design. **VPRO batteries** have 8-10 years design life at 25°C. They can be applied in emergency power system, communication equipment, alarm system, telecommunication systems, marine equipment, uninterruptible power supplies, medical equipment, fire and security system.

### Main technical data:

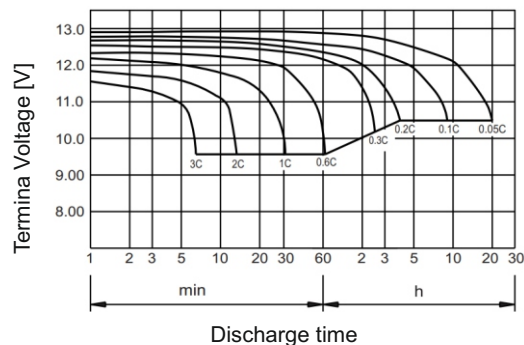
|                  |              |                         |
|------------------|--------------|-------------------------|
| Nominal voltage  |              | 6 V                     |
| Rated capacity   |              | 14 Ah                   |
| Dimension        | total height | 100 mm                  |
|                  | height       | 94 mm                   |
|                  | width        | 50 mm                   |
|                  | length       | 151 mm                  |
| Approx Weight    |              | 1.80kg (3.97lbs) +/- 3% |
| Gross dimensions |              | 31,5x26,2x12,4cm        |
| Gross weight     |              | 17kg                    |

### Other specification:

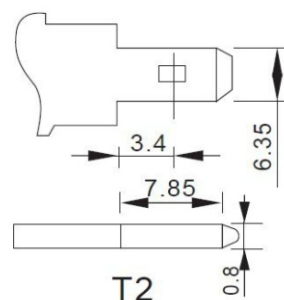
|  |             |               |
|--|-------------|---------------|
| Capacity<br>(at 25°C)                  | 20h (5,25V) | 14 Ah         |
|  | 10h (5,4V)  | 12,5 Ah       |
|  | 5h (5,25V)  | 12,05 Ah      |
|  | 1h (4,8V)   | 8,4 Ah        |
| Internal Resistance                    |             | ~ 8 mΩ        |
| Capacity<br>affected<br>by temperature | 40°C        | 102%          |
|  | 25°C        | 100%          |
|  | 0°C         | 85%           |
|  | -15°C       | 65%           |
| Self discharge<br>(at 25°C)            | 3 months    | 91%           |
|  | 6 months    | 82%           |
|  | 12 months   | 64%           |
| Working temperature                    |             | 25°C +/- 3°C  |
| Working<br>temperature                 | Discharge   | -15°C to 50°C |
|  | Charge      | -10°C to 50°C |
|  | Storage     | -20°C to 50°C |
| Float Use (25°C)                       | 7,2 VDC     | 7,5 VDC       |
| Cycle Use (25°C)                       | 6,7 VDC     | 6,9 VDC       |
| Max charging current                   |             | 4,2 A         |
| Max discharge current                  |             | 210A (5 s)    |
| Design life (25°C)                     |             | 8-10 years    |



Dimension



Discharge characteristic curve at 25°C



Terminal type (mm):