EUR 12V 1.3AH

# EURONET VRLA BATTERY – 12V 1.3Ah

## Sealed Lead-Acid VRLA | Maintenance-Free




| | |
|---|---|
| NOMINAL VOLTAGE<br>**12V** | CAPACITY (10HR)<br>**1.3Ah** |
| MAX DISCHARGE (5 SEC)<br>**19.5A** | INTERNAL RESISTANCE<br>**43 mΩ** |
| MAX CHARGING CURRENT<br>**0.39A** | WEIGHT<br>**0.52 kg** |

### OVERVIEW

The EURONET EUR 12V 1.3AH is a 12V 1.3Ah valve-regulated lead-acid (VRLA) battery for intruder and fire-alarm systems, access control, medical devices and small electronics. It delivers up to 19.5A for 5 seconds, with internal resistance of 43 mΩ and a maximum charging current of 0.39A. The sealed, non-spill construction with low-pressure venting needs no water topping, and the ABS (UL94-HB) case is available in UL94-V0 on request. Low self-discharge allows storage for more than 6 months at 25°C.

### KEY FEATURES

**1.3Ah Rated Capacity**
1.3Ah rated at the 10-hour rate, with six cells in series for a 12V nominal sealed lead-acid block

**High Discharge Current**
Delivers up to 19.5A for 5 seconds, with 43 mΩ internal resistance, for strong current delivery

**Maintenance-Free, Non-Spill**
No water topping and no acid leakage in any orientation with a low-pressure venting system for safe operation

**Security & Alarm Optimised**
Stable backup for intruder and fire-alarm systems, access control, medical devices and small electronics

**Wide Temperature Range**
Discharge, charge and storage rated from -20°C to 50°C, with normal operation at 25°C ± 5°C

**Low Self-Discharge**
Storable for more than 6 months at 25°C, with a recharge before use to restore full capacity

### TECHNICAL NOTE

12V, 6 cells per unit, 1.3Ah at the 10-hour rate. Max. discharge 19.5A (5 sec), internal resistance 43 mΩ, max. charging current 0.39A. Float charge 13.50–13.80V DC/unit @ 25°C; equalisation & cycle service 14.70–15.00V DC/unit @ 25°C. Discharge -20°C to 50°C; charge and storage -20°C to 50°C; normal operating 25°C ± 5°C. Weight 0.52 kg, terminal Faston Tab 187 (T1), ABS (UL94-HB) container, UL94-V0 on request.

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# EUR 12V 1.3AH

## PRODUCT TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATIONS |
|---|---|
| **GENERAL** | |
| **Model** | EUR 12V 1.3AH |
| **Product Type** | Valve-regulated lead-acid (VRLA) battery |
| **Series** | VRLA Battery 12V Series |
| **Nominal Voltage** | 12V |
| **Cells Per Unit** | 6 |
| **Rated Capacity** | 1.3Ah @ 10hr rate |
| **Applications** | Intruder & fire alarms, access control, medical devices, small electronics |
| **ELECTRICAL** | |
| **Max. Discharge Current** | 19.5A (5 sec) |
| **Internal Resistance** | 43 mΩ |
| **Max. Charging Current** | 0.39A |
| **CHARGING VOLTAGE (AVERAGE @ 25°C)** | |
| **Float Charge** | 13.50–13.80V DC/unit @ 25°C |
| **Equalisation & Cycle Service** | 14.70–15.00V DC/unit @ 25°C |
| **Self-discharge** | Storable >6 months at 25°C charge before use |

| PARAMETER | SPECIFICATIONS |
|---|---|
| **PHYSICAL** | |
| **Weight** | 0.52 kg |
| **Dimensions (L × W × H)** | Not available |
| **Terminal** | Faston Tab 187 (T1) |
| **Container Material** | ABS (UL94-HB) |
| **Flame Retardancy Option** | UL94-V0 on request |
| **TEMPERATURE** | |
| **Discharge** | –20°C to 50°C |
| **Charge** | –20°C to 50°C |
| **Storage** | –20°C to 50°C |
| **Normal Operating** | 25°C ± 5°C |
| **CONSTRUCTION** | |
| **Technology** | Sealed lead-acid, valve-regulated |
| **Maintenance** | Maintenance-free · no water topping |
| **Sealing** | Non-spill sealed construction |
| **Venting** | Low-pressure venting system |
| **COMPLIANCE** | |
| **Marking** | CE marked |
| **Manufacturer Quality System** | ISO 9001:2015 certified |

**Specifications are subject to change without prior notice.*

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