EUR 12V 18AH

# EURONET VRLA BATTERY – 12V 18Ah

## Sealed Lead-Acid VRLA | Maintenance-Free




| NOMINAL VOLTAGE | CAPACITY (10HR) |
|---|---|
| 12V | 18Ah |
| **MAX DISCHARGE (5 SEC)** | **INTERNAL RESISTANCE** |
| 200A | 8.5 mΩ |
| **MAX CHARGING CURRENT** | **WEIGHT** |
| 5.4A | 5.2 kg |

### OVERVIEW

The EURONET EUR 12V 18AH is a 12V 18Ah valve-regulated lead-acid (VRLA) battery for desktop and network UPS, routers, POS terminals and general standby power. It delivers up to 200A for 5 seconds, with internal resistance of 8.5 mΩ and a maximum charging current of 5.4A. 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

**18Ah Rated Capacity**
18Ah 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 200A for 5 seconds, with 8.5 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

**UPS Inverter Start-Up**
Strong charge acceptance and recovery for desktop and network UPS, routers, POS and general standby

**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, 18Ah at the 10-hour rate. Max. discharge 200A (5 sec), internal resistance 8.5 mΩ, max. charging current 5.4A. 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 5.2 kg, terminal T3 / T10, ABS (UL94-HB) container, UL94-V0 on request.

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# EUR 12V 18AH

## PRODUCT TECHNICAL SPECIFICATIONS

| PARAMETER | SPECIFICATIONS |
|---|---|
| **GENERAL** | |
| **Model** | EUR 12V 18AH |
| **Product Type** | Valve-regulated lead-acid (VRLA) battery |
| **Series** | VRLA Battery 12V Series |
| **Nominal Voltage** | 12V |
| **Cells Per Unit** | 6 |
| **Rated Capacity** | 18Ah @ 10hr rate |
| **Applications** | Desktop & network UPS, routers, POS terminals, general standby |
| **ELECTRICAL** | |
| **Max. Discharge Current** | 200A (5 sec) |
| **Internal Resistance** | 8.5 mΩ |
| **Max. Charging Current** | 5.4A |
| **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** | 5.2 kg |
| **Dimensions (L × W × H)** | Not available |
| **Terminal** | T3 / T10 |
| **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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