EUR 6V 12AH

EURONET VRLA BATTERY – 6V 12Ah

Sealed Lead-Acid VRLA | Maintenance-Free



NOMINAL VOLTAGE	6V
CAPACITY (10HR)	12Ah
MAX DISCHARGE (5 SEC)	180A
INTERNAL RESISTANCE	9 mΩ
MAX CHARGING CURRENT	3.6A
WEIGHT	1.7 kg

OVERVIEW

The EURONET EUR 6V 12AH is a 6V 12Ah valve-regulated lead-acid (VRLA) battery for emergency lighting, security and fire-alarm panels and small UPS systems. It delivers up to 180A for 5 seconds, with internal resistance of 9 mΩ and a maximum charging current of 3.6A. 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

12Ah Rated Capacity
12Ah rated at the 10-hour rate, with three cells in series for a 6V nominal sealed lead-acid block

High Discharge Current
Delivers up to 180A for 5 seconds, with 9 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

Emergency Lighting Ready
Stable output for emergency lights, security and fire-alarm panels, plus small UPS backup systems

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

6V, 3 cells per unit, 12Ah at the 10-hour rate. Max. discharge 180A (5 sec), internal resistance 9 mΩ, max. charging current 3.6A. Float charge 6.75–6.90V DC/unit @ 25°C; equalisation & cycle service 7.35–7.50V 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 1.7 kg, terminal Faston Tab 250 (T2), ABS (UL94-HB) container, UL94-V0 on request.

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified

EUR 6V 12AH

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EUR 6V 12AH
Product Type	Valve-regulated lead-acid (VRLA) battery
Series	VRLA Battery 6V Series
Nominal Voltage	6V
Cells Per Unit	3
Rated Capacity	12Ah @ 10hr rate
Applications	Emergency lighting, security & fire-alarm panels, small UPS
ELECTRICAL	
Max. Discharge Current	180A (5 sec)
Internal Resistance	9 mΩ
Max. Charging Current	3.6A
CHARGING VOLTAGE (AVERAGE @ 25°C)	
Float Charge	6.75–6.90V DC/unit @ 25°C
Equalisation & Cycle Service	7.35–7.50V DC/unit @ 25°C
Self-discharge	Storable >6 months at 25°C charge before use

PARAMETER	SPECIFICATIONS
PHYSICAL	
Weight	1.7 kg
Dimensions (L × W × H)	Not available
Terminal	Faston Tab 250 (T2)
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.*

© 2026 Euronet Technologies LLC. All rights reserved. | ISO 9001:2015 Certified