EUR 4V 6AH

EURONET VRLA BATTERY – 4V 6Ah

Sealed Lead-Acid VRLA | Maintenance-Free



NOMINAL VOLTAGE	CAPACITY (10HR)
4V	6Ah
MAX DISCHARGE (5 SEC)	**INTERNAL RESISTANCE**
90A	25 mΩ
MAX CHARGING CURRENT	**WEIGHT**
1.8A	0.63 kg

OVERVIEW

The EURONET EUR 4V 6AH is a 4V 6Ah valve-regulated lead-acid (VRLA) battery for alarm systems, emergency devices and small portable electronics. It delivers up to 90A for 5 seconds, with internal resistance of 25 mΩ and a maximum charging current of 1.8A. 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

6Ah Rated Capacity
6Ah rated at the 10-hour rate, with two cells in series for a 4V nominal sealed lead-acid block

High Discharge Current
Delivers up to 90A for 5 seconds, with 25 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

Compact Backup Power
For alarm systems, emergency devices and small portable electronics in space-constrained enclosures

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; charge before use; the interval is shorter at high temperature

TECHNICAL NOTE

4V, 2 cells per unit, 6Ah at the 10-hour rate. Max. discharge 90A (5 sec), internal resistance 25 mΩ, max. charging current 1.8A. Float charge 4.50–4.60V DC/unit @ 25°C; equalisation & cycle service 4.90–5.00V 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 0.63 kg, terminal Faston Tab 187 (T1), ABS (UL94-HB) container, UL94-V0 on request.

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EUR 4V 6AH

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EUR 4V 6AH
Product Type	Valve-regulated lead-acid (VRLA) battery
Series	VRLA Battery 4V Series
Nominal Voltage	4V
Cells Per Unit	2
Rated Capacity	6Ah @ 10hr rate
Applications	Alarm systems, emergency devices, small portable electronics
ELECTRICAL	
Max. Discharge Current	90A (5 sec)
Internal Resistance	25 mΩ
Max. Charging Current	1.8A
CHARGING VOLTAGE (AVERAGE @ 25°C)	
Float Charge	4.50–4.60V DC/unit @ 25°C
Equalisation & Cycle Service	4.90–5.00V DC/unit @ 25°C
Self-discharge	Storable >6 months at 25°C charge before use
High Temperature Storage	Shorter recharge interval at high temperature

PARAMETER	SPECIFICATIONS
PHYSICAL	
Weight	0.63 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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