EUR 12V 7AH

EURONET VRLA BATTERY – 12V 7Ah

Sealed Lead-Acid VRLA | Maintenance-Free



NOMINAL VOLTAGE	12V
CAPACITY (20HR)	7.0Ah
MAX DISCHARGE (5 SEC)	105A
INTERNAL RESISTANCE	28 mΩ
MAX CHARGING CURRENT	2.1A
WEIGHT	2.0 kg

OVERVIEW

The EURONET EUR 12V 7AH is a 12V 7Ah valve-regulated lead-acid (VRLA) battery for intruder and fire-alarm systems, access control, medical devices and small electronics. It delivers up to 105A for 5 seconds, with internal resistance of 28 mΩ and a maximum charging current of 2.1A. 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

7Ah Rated Capacity
7.0Ah rated at the 20-hour rate, with six cells in series for a 12V nominal sealed lead-acid block

High Discharge Current
Delivers up to 105A for 5 seconds, with 28 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, 7.0Ah at the 20-hour rate. Max. discharge 105A (5 sec), internal resistance 28 mΩ, max. charging current 2.1A. 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 2.0 kg, terminal T1 / T2, ABS (UL94-HB) container, UL94-V0 on request.

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EUR 12V 7AH

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EUR 12V 7AH
Product Type	Valve-regulated lead-acid (VRLA) battery
Series	VRLA Battery 12V Series
Nominal Voltage	12V
Cells Per Unit	6
Rated Capacity	7.0Ah @ 20hr rate
Applications	Intruder & fire alarms, access control, medical devices, small electronics
ELECTRICAL	
Max. Discharge Current	105A (5 sec)
Internal Resistance	28 mΩ
Max. Charging Current	2.1A
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	2.0 kg
Dimensions (L × W × H)	Not available
Terminal	T1 / 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.*

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