

# D1250 Battery (12 V, 5 Ah)

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Invented for life



- ▶ 12 VDC sealed lead-acid
- ▶ Fully rechargeable
- ▶ Maintenance-free
- ▶ For use as secondary power for accessory modules
- ▶ Long service life

A 12 V sealed lead-acid battery. It acts as a maintenance-free standby and auxiliary power supply that provides long service life and dependability. Use the battery only with charging circuits calibrated for lead-acid batteries. It is suitable for supplying backup power for fire, security, and access control systems during AC power failures.

### Certifications and approvals

Region	Certification
Europe	CE Council Directive 89/336/EEC Electromagnetic Compatibility

### Installation/configuration notes

#### Standby Power Requirements

Refer to the appropriate control panel installation manual for information on calculating the standby battery requirements for the system. Total continuous and intermittent current requirements must not exceed the amp hour capacity of the battery.

### Technical specifications

#### Physical Specifications

Nominal Voltage:	12 V
Nominal Capacity (20 Hour)	5 Ah
Weight:	1.85 kg (4 lb)
Dimensions:	10 cm x 9 cm x 7 cm (4 in. x 3.5 in. x 2.8 in.)
Height with Terminals:	10.6 cm (4.2 in.)
Standard Terminal:	FI-Faston Tab No. 187

#### Capacity

20 Hour rate (0.25 A):	5 Ah
10 hour rate (0.45 A):	4.5 Ah
5 hour rate (1 A):	4 Ah
1 hour rate (5 A):	3 Ah

**Capacity Affected by Temperature**

40°C (104°F):	105%
30°C (68°F):	100%
0°C (32°F):	85%

**Constant Voltage Charge**

Cycle:	Initial charging current less than 1.3 A. Voltage 7.20 V to 7.50 V at 20°C (68°F). Temperature Coefficient -15 mV/C.
Standby:	Initial charging current less than 1.26 A. Voltage 6.75 V to 6.90 V at 20°C (68°F). Temperature Coefficient = 10 mV/C.

**Ordering information****D1250 Battery (12 V, 5 Ah)**

A 12 V sealed lead-acid battery for standby and auxiliary power. Suitable for supplying backup power for fire, security, and access control systems during AC power failures.

Order number **D1250**

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