

# ASF050-B

## Battery Bracket



### Series Overview

The Battery Bracket is a useful accessory for access controllers, providing uninterrupted operation during power outages with its integrated backup batteries. It is ideal for locations with unstable grid power or where attendance recording with handheld devices is required. Under normal conditions, the adapter supplies power while the backup battery remains on standby. If adapter power is lost, the system automatically switches to the battery. When adapter power is restored, the system reverts to adapter power and automatically recharges the backup battery.

### Scene

Suitable for use in administrative offices, schools, compounds, communities, factories, public venues, business centers, and government buildings across various industries.

### Technical Specification

#### Basic

Casing	PC + ABS
Battery Capacity	2,500 mAh
Rated Input Voltage	12 VDC; 2.0 A
Rated Output Current	12 VDC, 0.6 A (battery output) 12 VDC, 1 A (adapter output)
Product Dimensions	141.9 mm × 57.4 mm × 24.4 mm (5.59" × 2.26" × 0.96") (H × W × D)

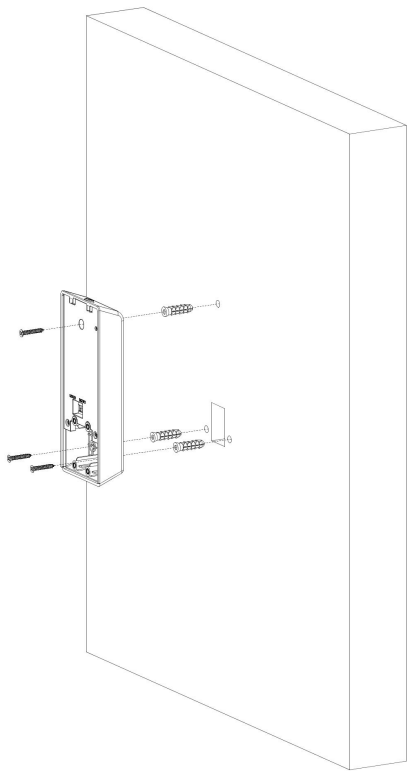
- When adapter power is restored, the system reverts to adapter power and automatically recharges the backup battery.
- Supports an independent power button to turn the device on or off.
- Supports upgrading program through an RS-485 connection to an external access controller.

Packaging Dimensions	187 mm × 102 mm × 58 mm (7.36" × 4.02" × 2.28") (H × W × D), standalone in the inner box 585 mm × 320 mm × 235 mm (23.03" × 12.60" × 9.25") (H × W × D), protective case
Operating Temperature	−10 °C to +45 °C (+14 °F to +113 °F)
Operating Humidity	10%–90% (RH), non-condensing
Operating Altitude	0 m–1300 m (0 ft–4265.09 ft)
Operating Environment	Indoor
Net Weight	135 g (0.30 lb)
Gross Weight	260 g (0.57 lb)
Installation	Surface Mount Wall Mount
Storage Temperature	−10 °C to +55 °C (14 °F to +131 °F)
Storage Humidity	30%–75% (RH), non-condensing
Anti-corrosion Level	Basic Protection

### Ordering Information

Type	Model	Description
Bracket	ASF050-B	Battery Bracket

Installation



Dimensions (mm[inch])

