

# record Battery pack DFA 127

for power supply in case of power failure



## Another power outage...

What about the automatic doors? Thanks to the powerful and compact battery pack with a capacity of 2.6 Ah at 37 VDC output voltage, the door system continues to operate without any interruption.

It allows for up to 800 cycles of opening and closing, or for keeping the door open for up to 24 hours, depending on the dimension and the programmed settings.

Regardless of design, the battery pack is either attached to the swing door drive DFA 127 or elegantly integrated into the extended drive variant in the kit version.

If the power outage lasts for a long period of time, the switched-off door system can be set to battery operation by means of remote control (wake-up mode). One signal is sufficient to start the drive control, open the door, return to the idle state and then the door closes again with springs.

Optionally, the built-in buzzer signals network-independent battery operation.

### Applications

- Uninterrupted operation in the event of a power outage.
- Single door opening with key-operated contact (SSK) in battery operation.
- Smoke extraction from a building after a fire (national standards must be taken into account).  
Not certified for use on fire doors!

### Operation modes

#### Normal operation

The battery pack is switched on and the system operates network-independently in the case of a power outage.

#### Remote control battery operation (wake-up)

In the event of a power outage, batter-powered operation can be switched on via the building management system of a smoke extraction system. If the potential-free contact of the external system closes, the battery operation is activated and the control unit STG 127 starts up. If there is a connection to the key-operated contact of the door control, the door opens and remains open.

If the contact is interrupted, the battery operation switches off and the door closes with springs. This does not interrupt the loading process.

#### Battery operated door opening in case of power outage

A relay contact is connected to the key-operated contact terminals of the door control unit. In the event of a power outage, the relay stays engaged, the door opens and remains open.

#### Acoustic signal during battery operation

An acoustic signal every 5 seconds indicates battery operation during a power outage. The volume can be adjusted in two steps, or muted.

Battery pack



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## Technical data:

Dimensions of battery unit:	160 x 85 x 124mm (lxhxd)
Connection cable:	1.0m
Battery cells:	Lithium Nickel Cobalt Manganate $\text{Li}(\text{NiCoMn})\text{O}_2$ , CAS-No. 182442-95-1
Capacity:	2.6 Ah
Voltage:	37 VDC
Output current:	max. 3 A
Fuse:	Polyfuse 3.75 A
Performance:	up to 800 cycles of opening and closing, or for keeping the door open for up to 24hours (depending on the dimension and settings)
Relay output:	Switch contact, max. 30 VDC, 1 A stays engaged in event of power outage

## Two options—Battery pack DFA 127 or Kit Battery pack DFA 127

One battery per door wing.

Both options guarantee uninterrupted power supply during power outage, acoustic signalling, potential-free relay output, and a remote-controlled wake-up function.

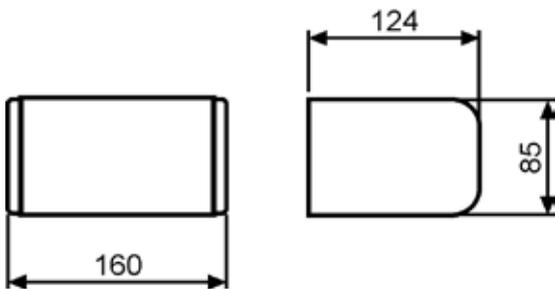
### Installation of Kit Battery Pack DFA 127

The kit is placed and mounted directly next to the control unit. The extended version with at least 780 mm drive length ensures sufficient space.

### Positioning of battery unit next to drive

The battery unit is elegantly aligned with the DFA 127 actuator in the same design.

For a consistent appearance, the module can be mounted directly to the left or right of the operator.



External dimensions