# Li-ion 2 External Battery Pack
# TECHNICAL DATASHEET

| DOC191474 | | |
|---|---|---|
| TDST Li-ion 2 External Battery Pack | | |
| Based on DOC161449 001 | | |
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## Application scope






## Main functionalities

- For Somfy Wirefree motors
- Compatible with Somfy Li-ion 2 Solar Panel

## Technical features

### Input

| | |
|---|---|
| **Nominal input voltage** | 15 VDC or 5 VDC |
| **Input connector** | Reversible connector |
| **Input accepted chargers** | See Compatibility matrix provided with the product |
| **Protection against polarity reversal** | Yes |

### Output

| | |
|---|---|
| **Nominal output voltage** | 12 VDC |
| **Output cable** | Not supplied, AWG24 |
| **Output connector** | JST SYP-02TV |

### Working environment

| | |
|---|---|
| **Temperature working range** | 0°C - 60°C |
| **Temperature charging range** | 0°C - 40°C |
| **Temperature storage range** | -20°C - 60°C |
| **Index protection rating** | IP 20 - For indoor use only |

## Specifications

### Electrical

| | |
|---|---|
| **Battery capacity** | 2600 mAh |

### Performance

| | |
|---|---|
| **Charging time** | <1h 45 hours for 80% of the capacity |

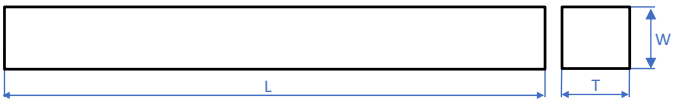
### Certifications

### Miscellaneous

| | |
|---|---|
| **Weight** | 0,225 kg |
| **Battery weight** | 0,15 kg |

## Dimensions

| | | |
|---|---|---|
| **Length** | **L** | 300 mm |
| **Width** | **W** | 25 mm |
| **Thickness** | **T** | 23 mm |




## Limitations

For interior use only.
Maximum distance between battery pack and charger: 5m
Do not let the charger plugged in permanently to the Li-ion Battery Pack. Somfy recommends to unplug after recharge.
The autonomy depends on the motor and the size of blind used in combination with this battery pack. Please refer to abacus.
Product must be fully charged prior to first use. During storage, the product must be charged every 24 months.