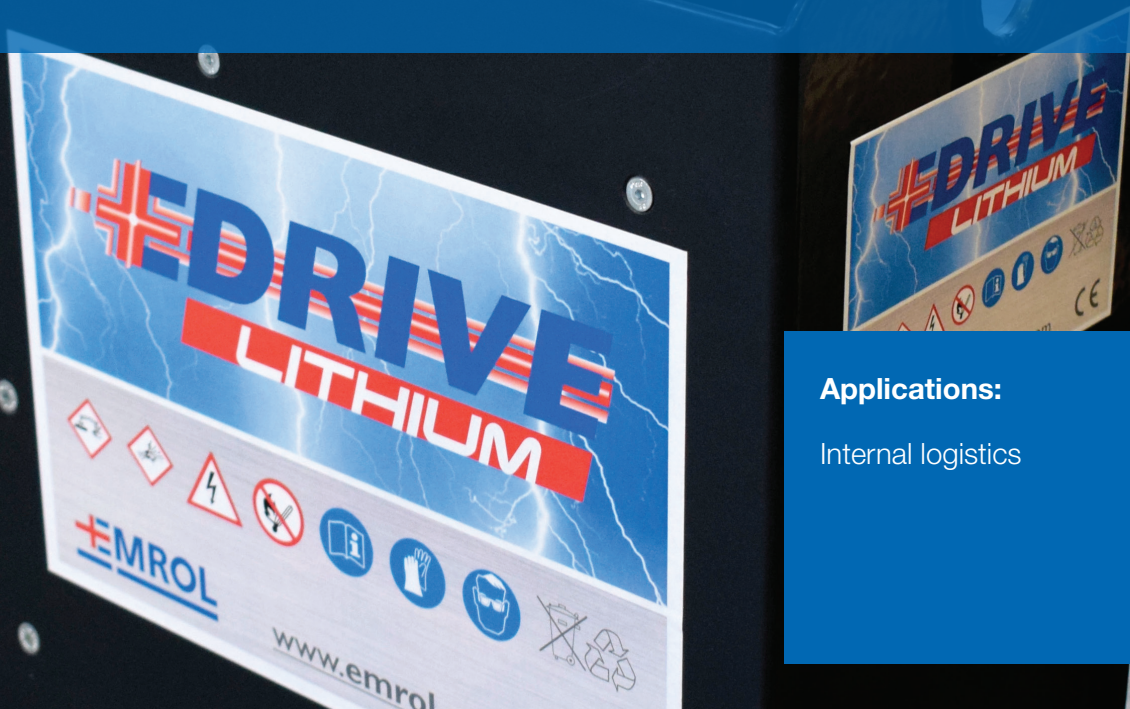


# EDrive Lithium

## 24V Pallettruck Battery.



### Applications:

Internal logistics

### Simple replacement of your lead acid battery

The weight and dimensions of the pallet truck battery are always adapted to suit your appliance. No adaptations are required. An extra indicator and signal light are fitted to show your battery's exact charging state. Then you can simply replace your lead acid battery with our Lithium solution.

### Advantages EDrive Lithium

- **Simple to use**
- Maintenance-free
- Flexible
- Energy-saving
- Intermediate charging possible
- Built-in charger with immobiliser
- Specifically for your appliance including weight
- **Clear charging** state indicator
- Provided with BMS system
- Secured against misuse
- **Quick charging option**
- More than **3000 cycles**
- Allows several shifts a day
- No adaptations to the truck required



# Lithium pallet truck battery 24V 3.2kWh

## Technical specifications

Battery	
Rated voltage	25.6V
Capacity	125Ah
Energy	3.2kWh
Internal resistance	=<20mOhm
Max. charging voltage	29.2V
Cut-out voltage	18V
Dimensions	adapted to your appliance
Weight	adapted to your appliance
Technology	Lithium LiFePO4
Number of cycles	> 3000
Maximum constant discharge current	80A
Discharge temperature for use	-20 to 60°C

## Battery indication



### SOC indication

Standard on the battery, option for external fitting.



### Deep discharge with warning light

The battery must now be immediately charged.

## Charging options

Option 1: Built-in charger	
Type of charger	High-frequency
Charging current	20A
Charging time 80% SOC	< 4 hour
Charging time 100% SOC	5 hour
Charging profile	IU, Lithium
Immobiliser	provided as standard
Battery temperature charging	0 to 45°C

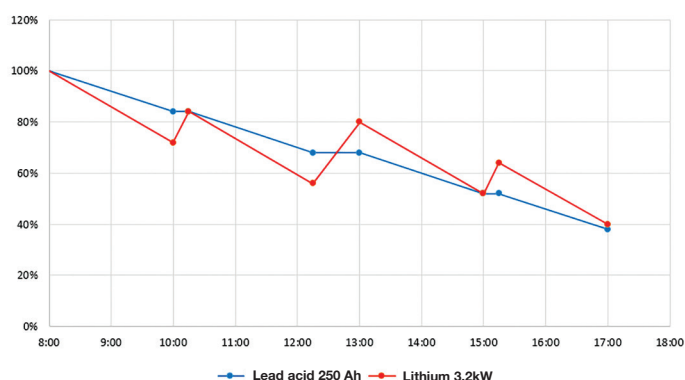
Option 2: External quick-charger	
Type of charger	High-frequency
Charging current	80A
Charging time 80% SOC	< 1 hour
Charging time 100% SOC	1 hour 20 min
Charging profile	IU, Lithium
Immobiliser	option
Battery temperature charging	0 to 45°C

More charging options simply available on request.

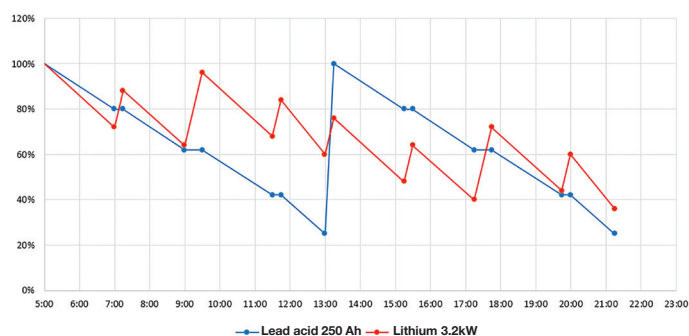
## Example of use

In contrast to a lead acid battery this battery does not always have to be fully charged. The battery works excellently with short intermediate charges and has a maximum life span with short 'mini-cycles'.

1 shift



2 shifts



### Emrol bvba

Industrieweg 15, 2390 Malle, Belgium

Tel Belgium +32 (0)3 309 24 24

Tel Netherlands +31 (0)515 53 18 81

[info@emrol.com](mailto:info@emrol.com) [www.emrol.com](http://www.emrol.com)



[facebook.com/EmrolBVBA](https://facebook.com/EmrolBVBA)



[linkedin.com/company/emrol](https://linkedin.com/company/emrol)

