

**KÄRCHER**

# LI-ION SCRUBBER DRYERS

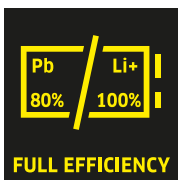
Increased productivity with fewer downtimes and battery changes, as well as lower overall operating costs.



**PROFESSIONAL** | SCRUBBER DRYERS

# BENEFITS OF LI-ION BATTERIES

**Scrubbers dryers must work perfectly** in order to be profitable. Lithium-ion batteries ensure a high availability, a low failure rate, and significantly fewer battery changes. This saves time, resources, and money.



## Efficiency

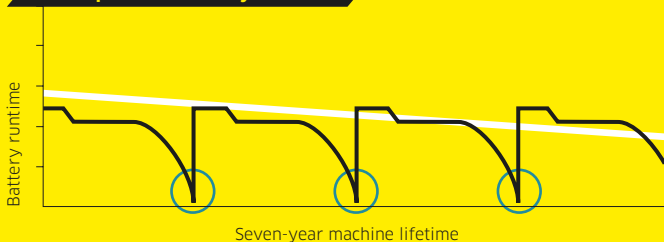
- Lighter machines
- Up to 100% usable capacity
- Less reduction in capacity



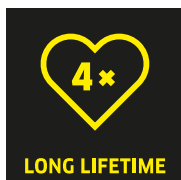
## Productivity

- Less downtimes due to poorly maintained batteries
- Ratio between discharge and cleaning time optimised by optional fast charger

## Development of battery runtime



- Lead-acid battery
- Li-ion battery



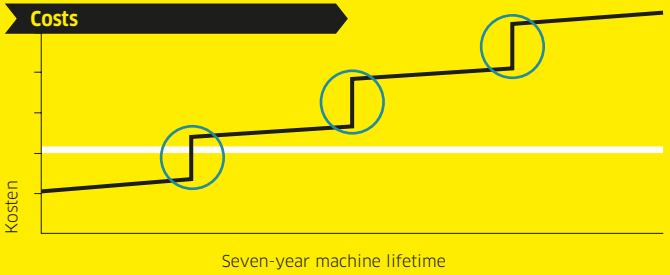
### Quality/TCO

- Reduced costs for battery changes
- Fewer downtimes, optimised overall operating costs (TCO)
- No damage caused by partial charging

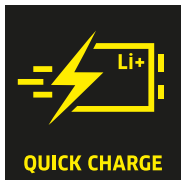


### Safety

- Intrinsically safe operation, no contact with hazardous substances, no outgassing
- Installation in any direction, protection type IP67
- Better vibration and shock resistance compared to lead-acid batteries



- ▶ Lead-acid replacement: increasing costs and unexpected downtimes
- ▶ Due to the specific cell chemistry and the increasing internal resistance of the battery, the battery runtime does not reduce linearly during use.



### Fast charging

- Option for fast charging (in just two hours)
- Reduced idle time
- Increased flexibility of machine use



### Five-year guarantee

- Reliable quality
- Invest carefree

# DURABLE AND EFFICIENT: YOU CAN COUNT ON THESE MACHINES



The 80 Ah\* lithium-ion batteries for selected scrubber dryers will take your productivity to a new level and dramatically reduce the overall operating costs of the machine. A genuine win-win situation!

## ➤ BATTERY LIFETIME UP TO FOUR TIMES LONGER\*\*

- Lifetime of up to 3,800 cycles at 70% discharge depth
- Lead-acid batteries only 500-900 cycles at 70% discharge depth
- Fewer changes, lower overall operating costs

## ➤ OPTIMISED PRODUCTIVITY

- Due to (optional) efficient fast charging, idle times are reduced to a minimum.
- Thanks to excellent cleaning flexibility, the machine is always ready to use.

## ➤ SIMPLIFIED HANDLING

- No special discharge and charging behaviour required
- No outgassing during charging
- Maintenance-free

\* Depending on the size of the machine, multiple batteries can be used.

\*\* Compared to conventional lead-acid batteries.

# KÄRCHER

makes a difference

Please contact us for more information:

## Head Office Germany

Alfred Kärcher SE & Co. KG  
Alfred-Kärcher-Straße 28-40  
71364 Winnenden

Phone +49 7195-14-0  
Fax +49 7195-14-2212  
www.kaercher.com

## USA

Kärcher North America  
6398 N. Kärcher Way  
Aurora, CO 80019

Phone +1 800-444-7654  
Fax +1 866-271-0520  
www.karcherna.com

## Canada

Kärcher Canada Inc.  
275 Pendant Drive  
Mississauga, Ontario L5T 2W9

Phone +1 905-364-5006  
Fax +1 905-672-3155  
www.karcher.ca

## United Kingdom

Kärcher (UK) Ltd  
Kärcher House  
Brookhill Way  
Banbury

Oxon OX16 3ED  
Phone +44 1295-752-000  
Fax +44 1295-752-103  
www.karcher.co.uk

## Ireland

Kärcher Ltd (Ireland)  
Unit 3, Redcow Retail Centre  
Robinhood Road  
Ballymount, Dublin 22  
D22 PY03

Phone +353 1-409-7777  
Fax +353 1-409-7775  
www.karcher.ie

## South East Asia

Regional Head Office  
South East Asia  
Kärcher South East Asia Pte Ltd  
3 Depot Close #05-01  
Singapore 109840

Phone +65 6897-1811  
Fax +65 6897-1611  
www.karcher.com.sg

## Hong Kong

Kärcher Limited  
Unit 01, 22/F  
Westley Square  
48 Hoi Yuen Road  
Kwun Tong, Kowloon  
Phone +852 2-357-5863  
Fax +852 2-357-5632  
www.karcher.com.hk

## Australia

Kärcher Pty Ltd  
385 Ferntree Gully Road  
Mount Waverley  
Victoria, AU 3149  
Phone 1800 675-714  
(Free Call)  
www.karcher.com.au

## New Zealand

Kärcher Ltd  
66 Allens Road  
East Tamaki  
Auckland 2013  
Phone +64 9-274-4603  
Fax +64 9-274-6932  
www.karcher.co.nz

## North Africa

Kärcher S.A.R.L.  
Immeuble Yasmine Tower  
Bloc A 6ème étage  
Bureau A 6.6  
Centre Urbain Nord  
1082 Tunis  
Tunisia  
Phone +216 36339020  
info@tn.kaercher.com  
www.kaercher.tn

## East Africa

Kärcher Limited  
Regus Fortis Office Park  
P. O. Box 66488-00800  
Block C, Ground floor  
Muthangari Drive  
Westlands, Nairobi  
Kenya  
Phone +254 205148145  
info@ke.kaercher.com  
www.kaercher.com/ke

## South Africa

Kärcher (Pty) Ltd  
Cnr Mount Joy &  
George Allen Rd  
Wilbart Ext. 2  
PO Box 11818  
Vorna Valley, 1686  
Phone +27 11-657-7300  
Fax +27 11-657-7440  
www.karcher.co.za

## Middle East

Kärcher FZE  
Quality Cleaning Systems  
Jebel Ali Free Zone  
Plot No. S-10104 South Zone  
RA 08, XB 1, Jebel Ali  
Dubai  
Phone +971 4-886-1177  
Fax +971 4-886-1575  
customer@ae.kaercher.com  
www.karcher.ae

## Qatar

Kärcher LLC  
Office No 133, Regus Building  
D Ring Road  
PO Box 35176  
Phone +974 4-423-1319  
customer@ae.kaercher.com  
www.karcher.ae

## Caribbean

Kärcher S.R.L.  
Calle 5ta, esq. Calle 18, Nave 1  
Villa Aura  
Santo Domingo Oeste  
Dominican Republic  
Phone +1 809-379-3700  
Fax +1 809-379-3777  
info@do.kaercher.com  
www.kaercher.com/do