

Our Lithium-Ion Battery

Splash-proof in accordance with IP54



Lithium-Ion Battery

More application options due to protection class IP54 (splash-proof)

> 25% lighter than previous model

> Flexible fuse protection for connected devices

> Also available with an integrated capacity display (Wanzl SOC indicator)



20 Ah BATTERY
Design with bracket and capacity display

The Lithium-ion battery from Wanzl

Extended range of applications: In combination with our connection cable, the battery is splash-proof in accordance with protection class IP54. It can also be used in cold halls at a minimum temperature of +5° C.*

Service life: We guarantee at least 60% of the initial capacity after 500 full cycles.**

Real-time monitoring and data exchange: The capacity can be monitored in real-time via the Wanzl SOC indicator. If the user would like to set up their own energy management, the battery can be equipped with a Communication Bus (I²C Bus) on request. This enables battery operation data to be exchanged with external systems.

*Assuming proper use

** Warranty period: 12 months

Safe Handling

For daily use in production sites and warehouses

■ **For simple handling**, we have reduced the weight by 25%, compared to the previous model. The locking snap-in mechanism prevents unintentional removal of the cable and is easy to operate.

Li-Ion
Energy



Mobile workstation with li-ion battery and height-adjustable table top

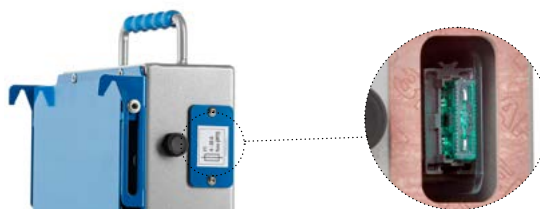
Splash-proof battery charger

The **protection class IP54** charger is compatible with previous systems. The built-in LED display provides information about the charge level. The charger is also available with a quick-charge function on request.



Protecting connected devices

A **30 amp fuse** is integrated into the battery, which protects sensitive devices against overcurrent. This can be replaced by a suitable fuse (4 to 30 amps) according to requirements.



Mount and capacity display (optional)

The **self-locking mechanism** has an expander which can be used to pull apart the bracket and attach it to the grid. The SOC indicator mounted on the battery informs the user about the remaining battery power in real-time.



The SOC Indicator activates automatically when there is a current flow.

*Replacement only to be carried out by a trained electrician.

Areas Of Application

A Multipurpose Solution

■ **Our lithium-ion battery** expands the applications of our order picking and table trolleys, providing a mobile power supply for your electrical devices such as a monitor, radio scanner or printer. Mobile workstations with power supply reduce unnecessary walking distances to the office and paper lists.



Power supply for peripheral devices

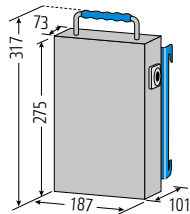




Power supply for electrical drive

The battery with an integrated bracket is ideally suited for supplying power to the electric motor on the KT3 "Drive" order picking trolley. Heavy goods can be transported effortlessly with an electrically-driven order picking trolley, thus relieving the workload of employees. The use of replaceable batteries means that the trolley is always ready for operation.



KT3 »DRIVE«

Order numbers and technical details

Lithium-ion battery	20 Ah	20 Ah with capacity display	20 Ah with bracket	20 Ah with bracket and capacity display
				
Order no. (set) Battery with charger and connection cable	77.71 425.95-1003	77.71 425.95-1004	77.71 425.95-1000	77.71 425.95-1002
Order no. Battery only	77.91 539.95-1003	77.91 539.95-1004	77.91 539.95-1000	77.91 539.95-1002
Length x width x height (mm)	187 x 73 x 317	187 x 73 x 317	187 x 101 x 317	187 x 101 x 317
Weight (kg)	4.8 (10.6 lb)	4.8 (10.6 lb)	6.2 (13.7 lb)	6.2 (13.7 lb)
Capacity (Ah)	20.5	20.5	20.5	20.5
Temperature range (°C)	+5° to +35°	+5° to +35°	+5° to +35°	+5° to +35°
Normal charging time (h)	Approx. 6	Approx. 6	Approx. 6	Approx. 6
Voltage (V)	25.2	25.2	25.2	25.2
Max. current peak (A)	80	80	80	80
Operating current (A)	30	30	30	30
Service life (full cycles)	>500	>500	>500	>500

Accessories

For replacement requirements or extended use

Wall bracket

The charger can be mounted on the wall at a convenient height using a special bracket. This charging station offers ergonomic grip, and means that the battery is always in a fixed place during the charging process. Only suitable for rechargeable batteries with integrated holder.



External Wanzl SOC indicator

This tool means you have a constant view of the battery's remaining capacity. With the external Wanzl SOC indicator, the charge level display can be installed at a viewable height. The display lights up as soon as the battery is in operation.










Power supply for a peripheral device

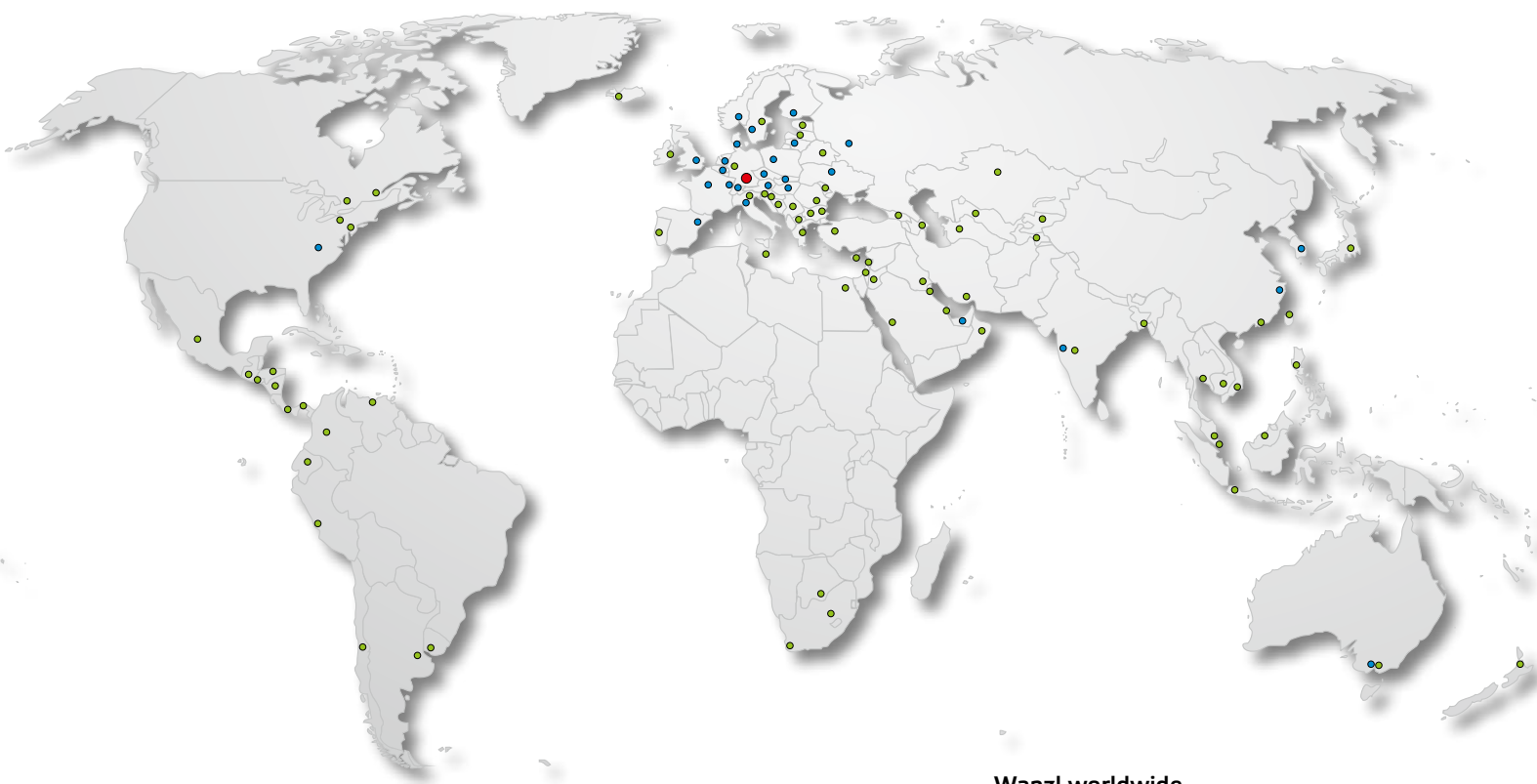
You can connect a suitable peripheral device such as a monitor, radio scanner or printer to the battery via a 230 volt inverter, meaning you can turn any trolley into a mobile workplace.

The inverter is available with a capacity of 350 W or 550 W.



Order numbers for accessories

Connection cable	Charger	Wall bracket Without charger	Wall bracket With charger	External SOC indicator (charging status)	Inverter 350 W / 230 V	Inverter 550 W / 230 V
						
IP54 plug, including 1.5 m long cable	for a 25.2 V lithium ion battery	made of metal Width: 650 mm (25.6 in) Height: 220 mm (8.7 in)	made of metal Width: 650 mm (25.6 in) Height: 220 mm (8.7 in)	including fixing material for wire mesh	for 1 connecting device, modified AC voltage	for 1 connecting device, modified AC voltage
77.91 087.95-0000	77.91 199.95-0000	77.60 038.50-0000	77.60 038.50-0001	77.60 264.50-0000	98.76 255.95-0000	98.76 256.95-0000



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