



AQ-LITH® INSERT BATTERIES

ECONOMICAL SOLUTION

ADVANTAGES

- Delivery time: in stock
- Economical solution
- Can resist high currents: use of contactors instead MOSFET
- INSERT battery: we reduced the dimensions of the battery to a minimum. Doing so, this battery fits in mostly all pallet jacks, even if the width is limited.



SPECIFICATIONS

- Battery excl spacers and ballast plates
- 4 options: in 100Ah or 200Ah, with built-in charger or without charger
- With internal fuse and precharge contactor
- With remote control box with start/stop button, buzzer and display.
- With autosleep function to increase autonomy of the battery
- Perfect replacement of standard lead-acid batteries. if you want to replace a Li-ion battery, then please take care as some machines need a special canbus-communication with the battery. Please contact us

Ref.	LIT/INS24-100	LIT/INS24-100C	LIT/INS24-200	LIT/INS24-200C
	24V 100Ah	24V 100Ah with charger	24V 200Ah	24V 200Ah with charger
Battery specifications				
Technology	LFP	LFP	LFP	LFP
Type of cell	prismatic	prismatic	prismatic	prismatic
Nominal voltage (V)	25,6	25,6	25,6	25,6
Max continuous charging current	0,5C	0,5C	0,5C	0,5C
Max continuous discharging current	0,5C	0,5C	0,5C	0,5C
Max discharging current during 10s	2,5C	2,5C	2,5C	2,5C
Operating temp during charge	0 °C to 45 °C	0 °C to 45 °C	0 °C to 45 °C	0 °C to 45 °C
Operating temp during discharge	-20 °C to 50 °C	-20 °C to 50 °C	-20 °C to 50 °C	-20 °C to 50 °C
IP	IP20	IP20	IP20	IP20
Dimensions (W x L x H, mm)	130 x 450 x 500	130 x 450 x 570	190 x 550 x 500	190 x 550 x 569
Weight (kg)	42	45	62	67
Charging cable	1,1 m - REMA 160A	1ph 220V / 1,5m	1 m - REMA 160A	1ph 220V / 1,5m
Discharging cable	1,1 m - REMA 160A	1,1 m - REMA 160A	1,1 m - REMA 160A	1,1 m - REMA 160A
Charger profile	CCCV	CCCV	CCCV	CCCV
Expected life time (cycles or years)	2000 cycles	2000 cycles	2000 cycles	2000 cycles
Warranty	3 years with 80% EOL	3 years with 80% EOL	3 years with 80% EOL	3 years with 80% EOL
Ref. separate charger	LAD/INS24-30		LAD/INS24-45	
Charger specifications				
Voltage in (VAC)	220		220	
Monopase	yes		yes	
Current in (A)	7		10	
Voltage out (V DC nominal)	25,6		25,6	
Profile	CCCV		CCCV	
Current out (A)	30		45	