



CBRIX50 LI-ION BATTERY PACK

cBRIX50 is a Lithium ion battery for 24V/48Ah systems with 1,2 kWh. The battery can be used as a stand-alone or fully machine integrated through CAN-bus with Micropower's onboard or stationary battery charger. cBRIX50 can be parallel connected for double capacity.

Compact & Robust – For Demanding Applications

cBRIX50's small but robust and lightweight design makes the battery easy to fit and perfect for several demanding applications such as cleaning machines, AGVs and utility vehicles. Combined with energy efficient charging from Micropower the battery can be used for opportunity charging and conventional charging and can gain full SoC in less than 75 minutes. The battery has a IP54 classification and multiple safety functions and redundancy.

- Smaller electrical construction equipment
- Cleaning machines
- Automated guided vehicles

- Compact and robust
- IP54 for demanding applications
- Can be connected in parallel for double capacity
- Can be connected in series with a cBRIX MASTER to a 48V system
- Life Cycles \geq 3000 (Capacity \geq 70%)

Specification and models	1pc	2pc in parallell	2pc in serial (1 MASTER cBrix)
Nominal voltage	25,5V V	25,5V V	51V
Usable 0.2C Capacity in Operational Voltage Range BOL	37 Ah	74 Ah	37 Ah
Continuous Discharge Current	38 A	38 A	38 A
Peak Discharge Current (30 sec)	96 A	96 A	96 A
Continuous Charge Current	38 A	38 A	38 A
Transport Regulation	UN38.3/ADR	UN38.3/ADR	UN38.3/ADR
Weight	6,4 kg	6,4 kg x 2pc	6,4 kg x 2pc
Dimensions (mm)	271 x 201 x 105	271 x 201 x 105	271 x 201 x 105



Complete cBRIX Battery pack
Single • Parallell • cBRIX MASTER



LION Charger
From 1kW – 100kW