

ENERGY
POWER
TECHNOLOGIES



LV-LITHIUM
BATTERIES

www.eptechnologies.de

EPTTechnologies
Energy Power Technologies

EPTechnologies has developed superior high quality and extremely robust lithium batteries.

EPT lithium batteries are available in two technologies, 12 VDC in LiFePO₄ and 24 & 48 VDC in NMC, with a nominal capacity from 105 to 155 Ah. All batteries are the same size. The battery can be connected up to 250 pcs together in parallel.

Thanks to its unique combination of advanced technology and smart software, EPT lithium battery is robust, safe and user-friendly. In addition to its energy storage system with built in safety relay and CANBUS. The battery is compact, efficient, maintenance free and high performance.

Optional devices: mounting bracket, racking system, monitors and lithium chargers.



EPT Lithium pack 12 VDC LiFePO₄

- Nominal 12.8 VDC 150 Ah, capacity 2.0 kWh
- Max continues charge 60 A
- Max discharge 120 A, peak 200 A 1. sec
- Stainless steel enclosure, 21 kg, IP 54, 300 x 420 x 115 mm
- 3 years warranty, CE certified, UN 38.3
- CANBUS multiple batteries on same BUS, battery can also be used without CANBUS

Order No.: 944-1381012



EPT Lithium pack 24 VDC NMC

- Nominal 25.9 VDC 155 Ah, capacity 4 kWh
- Max continues charge 70 A
- Max discharge 150 A, peak 180 A max 1 min
- Stainless steel enclosure, 26 kg, IP 54, 314 x 422 x 115 mm
- 3 years warranty, CE certified, UN 38.3
- CANBUS multiple batteries on same BUS, battery can also be used without CANBUS.

Order no.: 950-1280024



EPT Lithium pack 48 VDC NMC

- Nominal 48.1 VDC 105 Ah, capacity 5 kWh
- Max continues charge 50 A
- Max discharge 140 A, peak 160 A max 1 min
- Stainless steel enclosure, 26 kg, IP 54, 314 x 422 x 115 mm
- 3 years warranty, CE certified, UN 38.3
- CANBUS 250Kb/S multiple batteries on same BUS.

Order no.: 950-1200048



Battery Rack

Battery rack can be screwed together, option for fixed mounting at the bottom or on vibration rubber feet. The rack is available with or without DC power busbar and fuse.

Racks can be produced in other battery numbers as desired.

- Dimensions: B 360 x D 468 x H (2 rack: 291 - 3 rack: 416 - 4 rack: 541) mm
- Weight: 2 rack: 2.9 kg - 3 rack: 3.8 kg - 4 rack: 4.6 kg
- Powder coated Aluminum alloy 5754

2 Rack

Order No.: 917-1381002

3 Rack

Order No.: 917-1381003

4 Rack

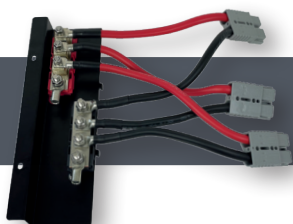
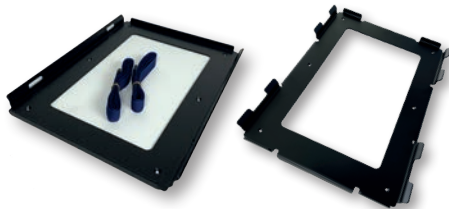
Order No.: 917-1381004

• Mounting Bracket (1 Batt.)

Order No.: 917-1381005

• Mounting Bracket (2 Batt.)

Order No.: 917-1381006



Rack Fuse System

A Set, comes with: metal fuse protection box , fuse holder +, busbar-, fuses, cables and sockets.

2 Rack

Order No.: 917-1381002FS

3 Rack

Order No.: 917-1381003FS

4 Rack

Order No.: 917-1381004FS



Display/NMEA 2000

LBM: 3,5" touch screen, max. 16 batteries parallel, 16 x 2 serial

Order No.: 917-071004300

PSL: 5" touch screen, max 24 batteries parallel, 24 x 2 serial

Comes with CBO interface (set).

Order No.: 901-13800PC

CAN to NMEA 2000 converter incl. Raymarine Axion 7" & 9" Software

Order No.: 901-13800RA

CAN to NMEA 2000 converter for boat control

Order No.: 901-13800BC



Charger

MCU controlled and intelligent 4 steps charging with pre-charge, CC, CV and floating or automatic cut-off, this charger will charge your EPT battery very fast, with high efficiency.

- Dimensions(LxWxH): 310 x 230 x 101 mm
- Weight: 5.5 KG
- AC input voltage: worldwide 90~264Vac freq.: 50/60 Hz
- Enclosure: Aluminum IP 65
- 2 years warranty, CE certified
- Optional with CANBUS, or a simple NO switching possibility to activate storage mode

12 VDC 60 Amp

Order No.: 948-1382012

24 VDC 45 Amp

Order No.: 948-1382024

48 VDC 25 Amp

Order No.: 948-1382048



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