

KEEP ON THE MOVE

The Fiamm Motive Power XFC FLEX™ battery – Class 3 Pallet Truck – 24V 316Ah C₅

Will transform the way you use your Pallet Trucks:

Conventional batteries should be discharged up to 80% of their rated capacity then recharged for 8-12 hours.

The operating instructions for the XFC FLEX are simple: "use the truck and when not in use, recharge the battery".

Features & Benefits

- Opportunity charge whenever the truck is not being used, can eliminate the need for spare batteries & battery changing
- Short recharge time (less than 3 hours at 60% DOD, with approved charger)
- Suitable for multi-shift operations and optimises machine availability
- Totally maintenance-free, no topping-up
- 'Green' - reduced carbon footprint due to very low charge factor
- Reduced electricity costs for recharging due to very low charge factor
- Space saving: An XFC FLEX typically occupies 30% less space than an equivalent capacity battery of conventional design = more power for less space
- Excellent cycle life (up to 1,200 cycles at 60% DOD)
- High energy throughput (up to 300% of C₅ per 24 hours - maximum DOD of 80% must be observed, please ask for further details for this application)
- Environmentally friendly (Minimum gassing: ideal for use in shops, public areas and sensitive manufacturing areas)





Profitable in all Directions

Construction

- Positive and Negative plates – Low impedance, high corrosion resistant, thin plate pure lead grid manufactured using a unique process.
- Separator – Superior quality microporous glass mat separator with high absorption and stability designed to enhance cyclic capability
- Electrolyte – High purity grade dilute sulphuric acid.
- Container – Robust range of containers in ABS / PC ABS plastic.
- Terminal Design – leak resistant dual seal terminal design
- Battery construction – highly resistant to shock and vibration

Operation

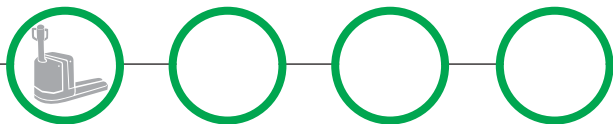
- Normal operating ambient temperature range 15°C to 50°C
- Can be mounted in any orientation except inverted

Standards

- Approved as non-hazardous cargo for ground, sea and air transportation in accordance with US DOT Regulation 49 and ICAO & IATA Packing instruction 806
- Manufactured in EnerSys production facilities certified to ISO 9001:2000

General Specifications

- Battery crate dimensions – 621 mm x 281 mm x 627 mm high
- Standard battery connector – Rema 160A (160A to 80A adaptor lead available as an option)
- Available as original equipment or replacement with matched charger



Charging

- The XFC FLEX should be charged with the matched EnerSys charger to achieve optimum performance and cycle life.
- For the 24V 316Ah battery, the 2 following charger options are available:
 - Lifetech XFC FLEX 24V 100A 1 Phase – suitable for opportunity charging, full recharge from 60% DOD in <4 hours
 - Lifetech XFC FLEX 24V 140A 3 Phase – suitable for opportunity charging, full recharge from 60% DOD in <3 hours

Storage

- Always store battery in a fully charged condition
- Batteries can be stored up to 24 months at 20°C before a freshening charge is required. At higher temperatures this time is reduced

Technical Data

Charger model	Dimensions [mm]	Input voltage [V]	Nominal current consumption [A]	Power supply fuse [A]	DC Cable [mm ²]	Recharge time from 60% DOD
Lifetech XFC FLEX 24V100A	501 x 288 x 146	230	14.5	30	25	<4 hours
Lifetech XFC FLEX 24V140A	581 x 389 x 180	400	6.8	20	25	<3 hours

Charger connector – Rema 160A

... a step into the future, revolutionising the way you work



European Headquarters:

EnerSys EMEA
EH Europe GmbH
Löwenstrasse 32
8001 Zürich
Switzerland
Phone: +41 44 215 74 10
Fax: +41 44 215 74 11

Local contact:

EnerSys Motive Power
Rake Lane
Clifton Junction
Swinton
Manchester M27 8LR
Phone: 0161 727 3800
Fax: 0161 727 3899

Please refer to the website address for details of your nearest EnerSys office:
www.enersys-emea.com