

# UPSe, ALPHA

Safety instructions and other important information



## ALPHA

Installation and operating instructions  
(all available languages)  
<http://net.grundfos.com/qrl/92795808>



(93)92755964



## UPSe

Installation and operating instructions  
(all available languages)  
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# UPSe, ALPHA

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## English (US)

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## English (US) Safety instructions

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### Original safety instructions

These safety instructions give a quick overview of the safety precautions to be taken in connection with any work on this product. Observe these safety instructions during handling, installation, operation, maintenance, service and repair of this product. These safety instructions are a supplementary document, and all safety instructions will appear again in the relevant sections of the installation and operating instructions. Keep these safety instructions at the installation site for future reference.

### Limited warranty

Products manufactured by Grundfos Pumps Corporation (Grundfos) are warranted to the original user only to be free of defects in material and workmanship for a period of 24 months from date of installation, but not more than 30 months from date of manufacture. Grundfos' liability under this warranty shall be limited to repairing or replacing at Grundfos' option, without charge, F.O.B. Grundfos' factory or authorized service station, any product of Grundfos manufacture. Grundfos will not be liable for any costs of removal, installation, transportation, or any other charges that may arise in connection with a warranty claim. Products which are sold, but not manufactured by Grundfos, are subject to the warranty provided by the manufacturer of said products and not by Grundfos' warranty. Grundfos will not be liable for damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair, or if the product was not installed in accordance with Grundfos' printed installation and operating instructions and accepted codes of good practice. The warranty does not cover normal wear and tear. To obtain service under this warranty, the defective product must be returned to the distributor or dealer of Grundfos' products from which it was purchased together with proof of purchase and installation date, failure date and supporting installation data. Unless otherwise provided, the distributor or dealer will contact Grundfos or an authorized service station for instructions. Any defective product to be returned to Grundfos or a service station must be sent freight prepaid; documentation supporting the warranty claim and/or a Return Material Authorization must be included if so instructed. Grundfos will not be liable for any incidental or consequential damages, losses, or expenses arising from installation, use, or any other causes. There are no express or implied warranties, including merchantability or fitness for a particular purpose, which extend beyond those warranties described or referred to above. Some jurisdictions do not allow the exclusion or limitation of incidental or

consequential damages and some jurisdictions do not allow limitations on how long implied warranties may last. Therefore, the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction. Products which are repaired or replaced by Grundfos or authorized service center under the provisions of these limited warranty terms will continue to be covered by Grundfos warranty only through the remainder of the original warranty period set forth by the original purchase date.

### General information



Read this document and the online version of the installation and operating instructions before you install the product. Installation and operation must comply with local regulations and accepted codes of good practice.

### Pumped liquids

## WARNING

### Electric shock

Death or serious personal injury



- For indoor use only.
- This pump has not been investigated for use in swimming pool or marine areas.

## **WARNING**

### **Fire or explosion hazard**

Death or serious personal injury



- The pump must not be used for the transfer of flammable liquids such as diesel oil, gasoline and similar liquids.

#### **Approvals**



This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules.



Any changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

## Inspecting the product

**CAUTION****Crushing of feet**

Minor or moderate personal injury

- Wear safety shoes when handling the product.

**CAUTION****Sharp element**

Minor or moderate personal injury

- Wear protective gloves.

Radio frequency radiation exposure information (for Canada and US only) (only for ALPHA)

Starting up the product

Setting of the product

## **CAUTION**

### **Radiation**

Minor or moderate personal injury



- This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 cm (0.66 ft) between the radiator and your body.

Mechanical installation

## **WARNING**

### **Electric shock**



Death or serious personal injury

- A damaged product must be repaired or replaced by Grundfos or a service workshop authorized by Grundfos.



**CAUTION****Crushing of feet**

Minor or moderate personal injury

- Wear safety shoes when opening the box and handling the product.

**CAUTION****Sharp element**

Minor or moderate personal injury

- Wear protective gloves.

Changing the control box position

**CAUTION****Hot surface**

Minor or moderate personal injury

- Position the pump so that persons cannot accidentally come into contact with hot surfaces.

**WARNING****Pressurized system**

Minor or moderate personal injury



- Before dismantling the pump, drain the system or close the isolating valves on both sides of the pump. The pumped liquid may be scalding hot and under high pressure.

Electrical connection

**WARNING****Electric shock**

Death or serious personal injury



- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

**WARNING****Electric shock**

Death or serious personal injury



- Connect the product only to a properly grounded receptacle.

**WARNING****Electric shock**

Death or serious personal injury

- All electrical connections must be carried out by a qualified electrician in accordance with local regulations.

**WARNING****Electric shock**

Death or serious personal injury

- Use of the product on a circuit equipment with a GFCI can cause improper operation of the GFCI. Consult an electrician and observe all national, state and local electrical regulations, as applicable.

**Service****WARNING****Electric shock**

Death or serious personal injury

- All electrical connections must be carried out by a qualified electrician in accordance with local regulations.

**WARNING****Electric shock**

Death or serious personal injury



- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

**WARNING****Electric shock**

Death or serious personal injury



- A damaged product must be repaired or replaced by Grundfos or a service workshop authorized by Grundfos.

**WARNING****Electric shock**

Death or serious personal injury



- Connect the product only to a properly grounded receptacle.

## WARNING

### Pressurized system

Minor or moderate personal injury



- Before dismantling the pump, drain the system or close the isolating valves on both sides of the pump. Slowly loosen the screws and unpressurize the system. The pumped liquid may be scalding hot and under high pressure.

## WARNING

### Hot surface

Minor or moderate personal injury



- The pump housing may be hot due to the pumped liquid being scalding hot. Close the isolating valves on both sides of the pump and wait for the pump housing to cool down.

## CAUTION

### Sharp element

Minor or moderate personal injury



- Wear protective gloves.

**CAUTION****Crushing of feet**

Minor or moderate personal injury

- Wear safety shoes when moving the product.

**CAUTION****Explosive environment**

Minor or moderate personal injury

- Risk of explosion if the battery is replaced by an incorrect type.
- Dispose of used batteries according to the instructions.

Only for ALPHA

## **CAUTION**

### **Radiation**

Minor or moderate personal injury



- This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 cm (0.66 ft) between the radiator and your body.

Fault finding

## **WARNING**

### **Electric shock**

Death or serious personal injury



- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

**WARNING****Electric shock**

Death or serious personal injury



- A damaged product must be repaired or replaced by Grundfos or a service workshop authorized by Grundfos.

**WARNING****Hot surface**

Minor or moderate personal injury



- The pump housing may be hot due to the pumped liquid being scalding hot. Close the isolating valves on both sides of the pump and wait for the pump housing to cool down.



## CAUTION

### Pressurized system

Minor or moderate personal injury



- Before dismantling the pump, drain the system or close the isolating valves on both sides of the pump. The pumped liquid may be scalding hot and under high pressure.

Only for ALPHA

## CAUTION

### Radiation

Minor or moderate personal injury



- This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 cm (0.66 ft) between the radiator and your body.

## Supplier's Declaration of Conformity

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### FCC Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information

Unique identifier:

Unique identifier	Product family
GFTDA	UPSe
GFTDB	ALPHA
GFTDB	ALPHA HWR
GFTDB	ALPHA CS
GFTDA	UPMS
GFTGB	UPMS
GFTGC	UPMS
GFTGD	UPMS

Responsible Party – U.S. Contact Information:

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### FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

[10000546027]

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**Revision Info**

Last revised on 04-2021

**92755964 09.2023**

ECM: 1375412

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