

LaUPS

End-of-Life Information

Grundfos Large UPS must be disposed of according to local regulations by using a public or private waste collection service. If this is not possible, contact the nearest Grundfos company or service workshop.

Safety risks

- Safety related to materials used
There is no risk for people during the disassembly process posed by the materials used in the product.
- Safety related to handling the product
Care should be taken when handling the pump due to the weight.
- **Caution: Persons with pacemakers who disassemble this product shall exercise care when handling magnetic materials embedded in the rotor.**

Disassembly of the product

The main materials of the components are:

- Copper
- Cast Iron
- Aluminium
- Electronic scrap (if relay ore protection modules are mounted)
- Composite materials

and can therefore be recycled to a large extent – depending on the national possibilities for recycling.

The pump is assembled by using screws and bolts and can be disassembled with standard tools. There are no loose parts inside the motor.

Pos. No	Designation	Material	Special disassembly considerations
1	Terminal box	PA66/PC	
2	Inspection screw	Brass with nickel	
3	Nameplate	PA 66	
4	Stator housing	AlSi10Cu2	The stator is heat-shrink fitted into the stator housing
	Stator windings	Copper wire	Self- bonding wire/ Lamination acc. to EN 10106
	Stator caps	PET 30 % glass	
5	Cheese-head screw	Steel 8.8	
6	O-rings	EPDM or FKM rubber	
7	Outer bearing ring	Aluminium oxide/SiC	
	Rotor can	Stainless steel	The bearing is shrink fitted into the rotor can
8	Shaft	Stainless steel	
	Rotor cladding	Stainless steel	
9	Thrust bearing	CY103	

10	Bearing plate	Stainless steel	The bearing is fitted into the bearing plate
	Inner bearing ring	Aluminium oxide/SiC	
11	Stop ring	Stainless steel	
12	Split cone	Stainless steel	
13	Impeller	Stainless steel	
14	Nut	Stainless steel	
15	Neck ring	Stainless steel/PTFE	
16	Pump housing	Cast iron Bronze CuSn10Pb	
17	Anti-friction ring	PTFE	
18	Nonreturn flap (twin head pumps)	EPDM rubber	
19	Splash protector	Stainless steel	
Additional materials:			

