

Product End-of-Life RKP

Product Range: Vanadium Flow Battery

Marketing Model/Name: UPower

Purpose:

This document is intended for use by end of life recyclers or treatment facilities. It provides the basic information to assure an appropriate end of life treatment for the components and materials of the product.

Note:

This product is not in the scope of EU directive 2002/96/EC, Waste Electrical and Electronic Equipment (WEEE).



Operations recommended for the end of life treatment

There are several steps to process the products at the end of life so as to recover components, materials or energy:

Reuse Separation for special treatment Other dismantling Shredding

Recycling your equipment at end-of-life

This equipment contains electrolyte, a mixed acid vanadium solution medium, are stored separately in positive tank and negative tank, respectively. By law, it must be disposed in a responsible way at end-of-life.

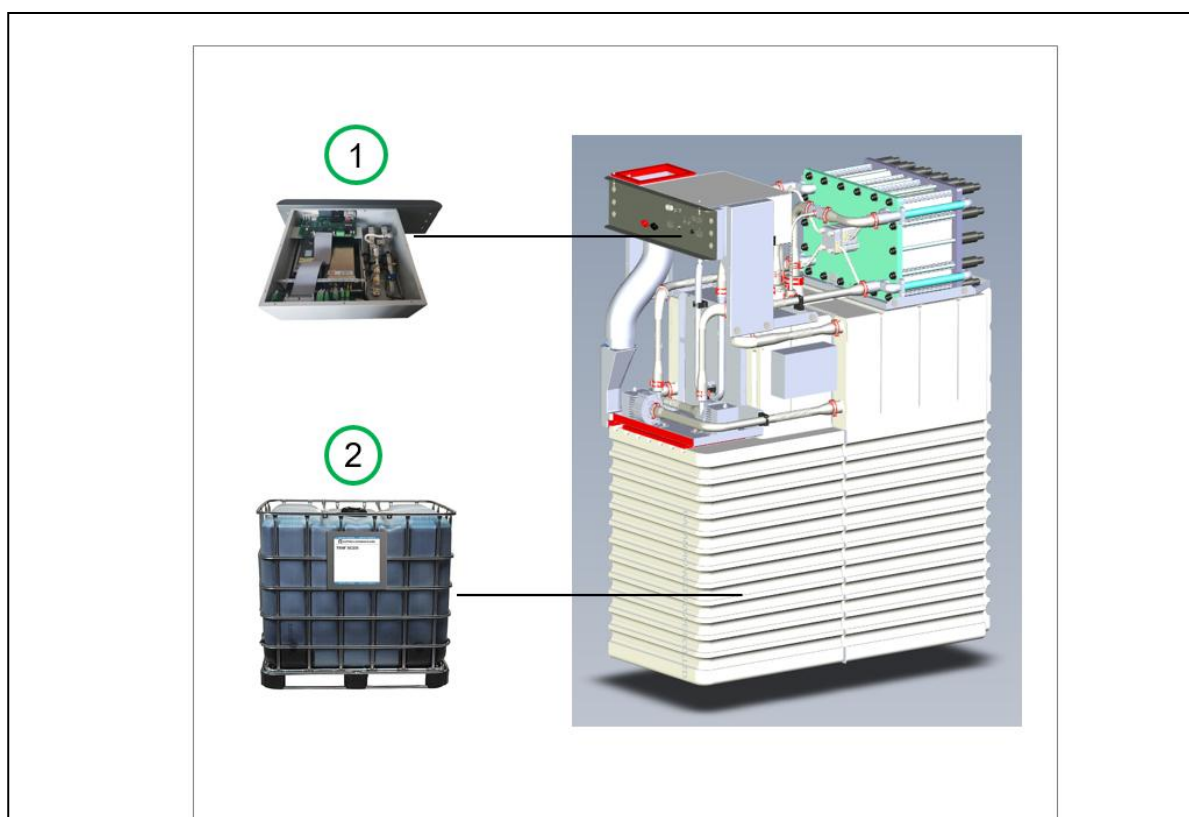
DO NOT carry out any dismantling operations unless authorized.

DO NOT handle electrolyte unless authorized.

DO NOT release electrolyte to the soil.

Local penalties may apply (European Regulation UE 517/2017 for all European countries). RKP offers a complete end-of-life solution in many countries. Please contact your local Services representative for details.

The components of the products that optimizes the recycling performance are listed, identified and located hereunder.



Recommendation	No.	Components	Weight	Comment
Special treatment	1	BMS cabinet	10kg	To recycle: PCB, thermoplastics, epoxy resin, elastomer
	2	Electrolyte	2000kg	To recycle: Vanadium (II,III,IV,V) Di-Oxide Chloride, Vanadium (II,III,IV,V) Di-Oxide Sulfate, Hydrochloric Acid, Sulfuric Acid; refer to Part 3 composition /information of ingredients in UPower-SDS for details.

Document Version	Release Date	Revision History
V1.0	2025-04-16	Official Launch (V1.0)