

# MANUAL

to combine the AC ELWA<sup>®</sup> -E with  
RCT Power Storage and RCT Power Inverter

EN



## **Copyright**

Copyright © 2018 RCT Power GmbH. All rights and changes reserved.

This document may only be partly or partially reprinted or copied with the express written consent of RCT Power GmbH.

Any form of duplication, distribution, translation or transmission in any form, electronic or mechanical, including photocopying, recording or storage on data carriers without the permission of RCT Power GmbH constitutes a violation of the applicable copyright laws and will be prosecuted.

We reserve the right to make technical changes to improve the device or to increase the safety standard - even without a separate announcement.

## **Responsible for content: RCT Power GmbH**

This user guide addresses products and product names that are registered trademarks. The naming of products and product names is for informational purposes only and does not constitute a misuse of the product.

The passages in this User's Guide related to these products are not original documentation for the particular product.

## **About us:**

### **RCT Power GmbH**

Line Eid Str. 1  
78467 Konstanz, Deutschland

Tel.: +49 [0]7531 996 77-0  
Mail: [info@rct-power.com](mailto:info@rct-power.com)  
Internet: [www.rct-power.com](http://www.rct-power.com)

### **my-PV GmbH**

Teichstrasse 43  
4523 Neuzeug, Deutschland

Tel.: +43 7259 393 28  
Mail [info@my-pv.com](mailto:info@my-pv.com)  
Internet: [www.my-pv.com](http://www.my-pv.com)

## **Subjekt to change**

**Document number: 08/2018**

## 1. Basic settings AC ELWA-E

Before commissioning, please read the installation instructions enclosed with the device as well as the operating instructions available online at [www.my-pv.com](http://www.my-pv.com).

## 2. Combination of AC ELWA-E with Power Storage and Power Inverter

The control settings of the AC ELWA-E are ex works in the "Auto Detect" Mode. In order for the AC ELWA-E to automatically detect the signal of the Power Storage or Power Inverter, the control panel must be set in the web interface of the AC ELWA-E under "Setup" to "RCT Power Manual".

In addition, the IP address under which the Power Storage / Power Inverter is integrated in the router must be entered under "IP address of the control".

In the setting "RCT Manual", the IP address of the signal source must not change during operation (eg by a DHCP router), otherwise the AC ELWA-E loses the control signal!

### Control Settings / Steuerungs-Einstellungen

Control Type: / Ansteuerungs-Typ:	<input type="text" value="RCT Power Manual"/>
Control Source IP Address: / IP Adresse der Ansteuerung:	<input type="text" value="10"/> <input type="text" value="10"/> <input type="text" value="90"/> <input type="text" value="133"/>
Control Status: / Status Ansteuerung:	Connected to RCT Power P Grid=1
Power Timeout: / Zeitablauf Ansteuerung:	<input type="text" value="10"/>
Control Target: / Zielwert der Regelung: <i>Negative value means feed-in. Only change this value if you are familiar with the control strategy - read Help for more details.</i> <i>Negativer Wert bedeutet Einspeisung. Verändern Sie diesen Wert nur, wenn Sie mit der Regelungsstrategie vertraut sind - siehe Hilfe für weitere Details.</i>	<input type="text" value="-50"/> W
Block Start Hour: / Sperre Start-Stunde:	<input type="text" value="0"/>
Block Stop Hour: / Sperre Stop-Stunde:	<input type="text" value="0"/>
<input type="button" value="Save / Speichern"/>	

### Structure of the network environment

Both the AC ELWA-E and the RCT Power Storage / Power Inverter must be connected to the network environment via a router. To integrate the RCT Power Storage / Power Inverter into the home network, follow the relevant manual. Within this environment, the AC ELWA-E receives information from the RCT Power Storage / Power Inverter on how much photovoltaic excess power is available.

Control by RCT Power Storage / Power Inverter is done passively. The AC ELWA-E is not shown as a separate consumer in the RCT Power APP. The power consumption of the AC ELWA-E is included in the indicated direct consumption

Please note that the respective device must be equipped with an RCT Power Sensor or a Smart Meter (Power Storage / Power Inverter). A wiring plan can be downloaded at any time from [www.my-pv.com](http://www.my-pv.com)!