

# RIPPLE CONTROL BOX

## RCB-1-B

The "Ripple Control Box" is specifically designed for managing the European power grid. Employing advanced ripple control technology, it achieves precise control over the grid. Through efficient interaction with the Ripple Control Receiver and the use of the RS485 interface to send load reduction signals to charging stations, it can quickly respond to the needs of grid dispatch, ensuring stable operation of the power grid.



**Overall Flame  
Retardant**



**Easy Installation**



**Small Size**



**Safety**

# Ripple Control BOX

## TECHNICAL SPECIFICATIONS



MODEL	RCB-1-B
<b>General</b>	
Input voltage range	230±20% Vac
Input frequency	50/60Hz, ±5Hz
Operating Temperature	-20 °C to 50 °C
Operating humidity	5-95% with non condensing
Operating altitude	< 2000m
IP Protection rating	IP20
IK Protection rating	IK08
Color	WHITE
Installation	wall-mount / 35mm Rail mounting
National	European
Certification Standard	EN/IEC 61000-6-1:2019; EN/IEC 61000-6-3:2021
Start mode	Use with EV Charger
Electrical protection	Surge Protection
Indicator	5 LEDs
Warranty time	3 year
<b>EMC</b>	
Judgment level	Class B
<b>COMMUNICATION</b>	
	RS485

\*1: Nominal voltage/frequency range can vary depending on local requirements.

\*2: Refer to local requirements for exact number of microinverters per branch

\*3: FOX-ESS Monitoring System