

JuiceBox Pro JuiceBox Plus

Datasheet



Get access to the latest EV charging experience, at home or at your workplace

JuiceBox Pro and JuiceBox Plus provide a smart and complete charging experience for both business and residential environments. Available in two power levels, JuiceBox Pro and JuiceBox Plus come equipped with all the safety and connectivity features that make charging at home or at the office a complete, easy and seamless experience.

Thanks to their connection to Enel X's smart charging software platform, these products provide access to a wide range of features: from remote management of your charging sessions to smart charging optimization. All features at your fingertips, directly from smartphone or desktop.

JuiceBox Pro also offers local Load Optimization Plus functionality, allowing you to get the most power from your JuiceBox at any time, without risk of triggering your circuit breaker.

WHY JUICEBOX?

CONNECTED

Monitor, set and schedule your charging sessions anywhere using the mobile App

DYNAMIC

Ready for Load Optimization Plus functionality, allowing you to always charge at the maximum power available without exceeding it

ACCESSIBLE

Easily manage RFID cards, charging sessions and reports with the integration into Enel X's dashboard

SMART

Get access to advanced energy services for private applications, allowing for cost savings and smart charging logic

MONITORED

Full remote technical assistance available with fast response times

PRACTICAL

Suitable for both indoor and outdoor installation, with a solid and sleek design

HOW TO CHOOSE THE RIGHT MODEL?

	POWER OUTPUT	OUTPUT TYPE	LOAD OPTIMIZATION PLUS* FOR RESIDENTIAL CUSTOMERS	LOAD OPTIMIZATION PLUS* FOR BUSINESS CUSTOMERS	WIFI	CELLULAR LTE
JuiceBox Pro Cellular	Up to 7.4 kW; or Up to 22 kW	Socket; or Integrated cable	✓	✓	✓	✓
JuiceBox Pro	Up to 7.4 kW; or Up to 22 kW	Socket; or Integrated cable	✓	✓	✓	
JuiceBox Plus Cellular	Up to 7.4 kW; or Up to 22 kW	Socket; or Integrated cable		✓	✓	✓
JuiceBox Plus	Up to 7.4 kW; or Up to 22 kW	Socket; or Integrated cable		✓	✓	

*further details provided in the section below

Load Optimization Plus

Load Optimization Plus is a feature that allows JuiceBox to adjust its power level based on the electrical consumption of other energy loads on the same circuit. As a result, it ensures always charging at maximum power available, avoiding the risk of triggering your circuit breaker.

This functionality can be enabled in two ways.

➤ **Suggested for residential customers:** JuiceMeter

The functionality is enabled with the simple installation of a JuiceMeter.

Attention: this solution can be applied when only one JuiceBox Pro is installed on a given circuit. If more than one JuiceBox is installed on the same circuit, this solution cannot be applied.

➤ **Suggested for business customers:** JuiceMeter Pro and JuiceNet dashboard

This solution is suited for workplace applications and requires the installation of a JuiceMeter Pro and the activation of a JuiceNet dashboard. In this case, the functionality can be enabled for several JuiceBoxes installed on the same circuit.

SPECIFICATIONS

All specs apply to both JuiceBox Pro and JuiceBox Plus, unless specified.

Output power	➤ Up to 7.4 kW, 32A, 1-phase ➤ Up to 22 kW, 32A, 3-phase
Input voltage	➤ 230 VAC (1-phase) ➤ 400 VAC (3-phase)
Charging mode	➤ Mode 3
Grid connection	➤ TN, TT and IT
Output cable and socket	➤ Type 2 and Type 3a socket (socket version) ➤ Type 2 connector (cable version); 5 m (including cable connector)
Connectivity	➤ 802.11b/g/n 2.4Ghz Wifi
LTE connectivity	➤ Available as an option on both JuiceBox Plus and JuiceBox Pro: LTE cellular connectivity

Authentication	<ul style="list-style-type: none"> > Open Access: Connect&Charge mode > Private Access: option to activate authentication through App or RFID Card
JuicePass App	<ul style="list-style-type: none"> > App for setting charger configuration and power level, monitoring charging sessions and energy consumption, scheduling and remote start charging, receiving notifications
Dashboards	<ul style="list-style-type: none"> > Included for residential users: access to JuiceNet Home, a web dashboard that allows you to manage the charger's settings and retrieve data on charging history and energy consumption > For business customers: access to JuiceNet web dashboards, able to support the management of charging stations, user access, fault resolution, reporting and data extraction
Load Optimization Plus	<ul style="list-style-type: none"> > JuiceBox Pro is ready for Load Optimization Plus with JuiceMeter: it allows Juice-Box to adapt its power level based on the consumption of other devices on the same circuit. As a result, it allows you to always charge at the maximum power available, without ever exceeding it
LEDs	<ul style="list-style-type: none"> > Dynamic LEDs displaying charging status
Dimensions and weight	<ul style="list-style-type: none"> > 153mm x 180mm x 421mm > 5 kg for socket version; 10 kg for cable version
Enclosure	<ul style="list-style-type: none"> > IP55; IK08 > Backplate connection for an easy installation
Protection	<ul style="list-style-type: none"> > Internal DC fault current detector (above 6 mA) > External RCD Type A and MCB required
Firmware and protocols	<ul style="list-style-type: none"> > Over-the-air (OTA) upgradable firmware > Long-term and persistent data storage upon power interruption > OCPP 1.6J compliant
Operating temperature	<ul style="list-style-type: none"> > From -40°C to +60°C
Accuracy	<ul style="list-style-type: none"> > Metering Accuracy: 0.5%
Standards and certifications	<ul style="list-style-type: none"> > IEC 61851-1 (2017) > CE marking

