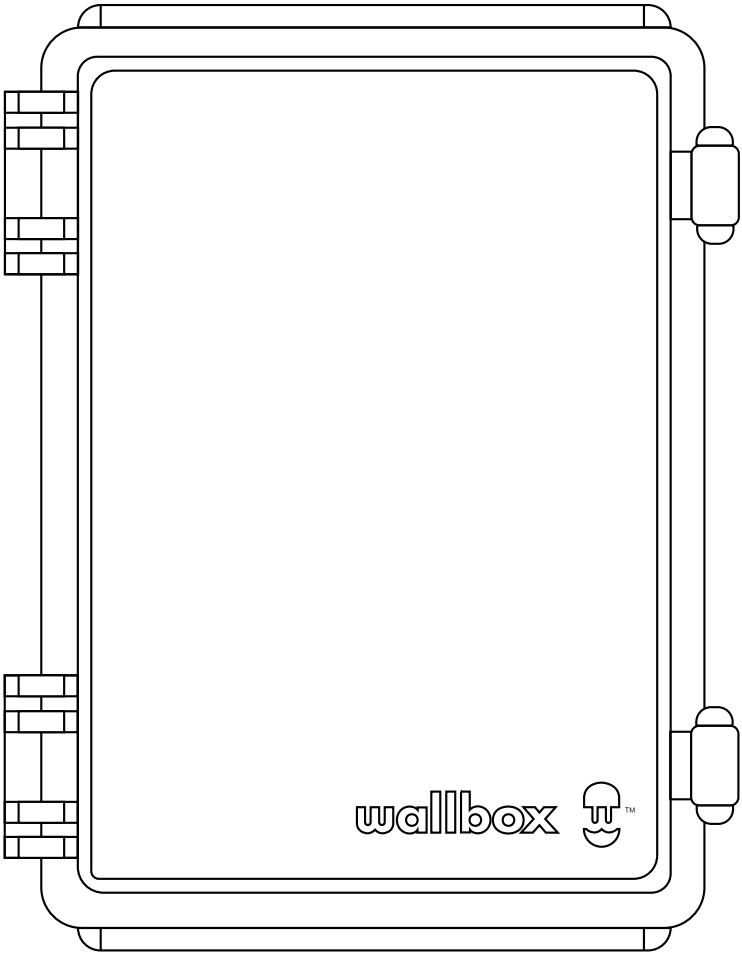

UL ENCLOSURE

Installation Guide

wallbox

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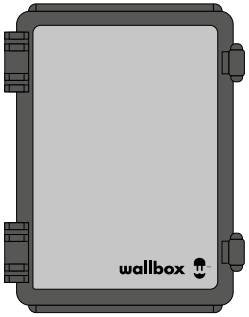
FR

ES

GETTING STARTED

Data Sheet

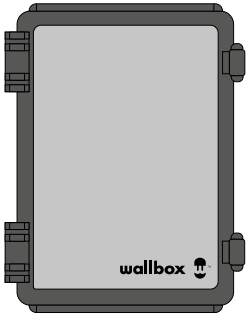
Specifications



Model	Power Meter UL Enclosure
Dimensions	135mm x 185mm x 85mm (5.32” x 7.28” x 3.35”)
Weight	0.6 Kg / 1.25 lbs
Temperature range	- 40 ~ + 110 ºC
Certifications	UL508A, ISO 9001, ISO 14001, TUV IP67, IK08, RoHS, EX degree: EXE II T5, CE
IP Rating	IP67
IK Rating	IK08

GETTING STARTED

Inside the box



UL Enclosure

Brackets (x4)

Screws (x4)

GETTING STARTED

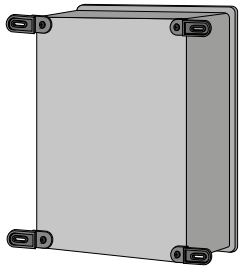
Important Notes

Regarding the installation of the **NA Power meter**, UL notes:

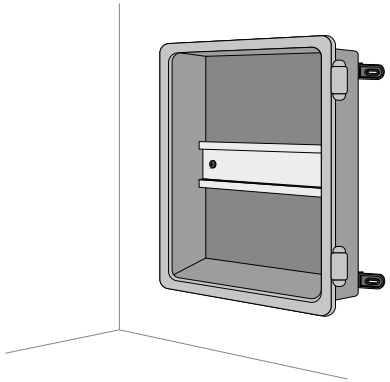
- Make sure the external disconnecting device is easily accessible, before installing the device.
- The current transformers may not be installed in equipment where they exceed 75 percent of the wiring space of any cross-sectional area within the equipment.
- Restrict installation of current transformer in an area where it would block ventilation openings.
- Restrict installation of current transformer in an area of breaker arc venting.
- Secure the current transformer and route conductors so that they do not directly contact live terminals or bus.
- Warning: to reduce the risk of electric shock, always open or disconnect circuit from power-distribution system (or service) or building before installing or servicing current transformers.
- For use with Listed or R/C Energy Monitoring Current Sensors rated for basic Insulation.
- To be used in a pollution degree 2 or better environment only.
- Auxiliary inputs/outputs (Digital input, Digital output, RS485, M-Bus) must be connected only to Limited-Energy Circuit in accordance with UL/CSA 61010-1 or Class 2 supply source which complies with the National Electrical Code (NEC), NFPA 70, Clause 725.121 and Canadian Electrical Code (CEC), Part I, C22.1
- Evaluated as open type device; it is intended to be installed inside a dedicated NRTL certified fire/electrical enclosure (overall enclosure) or inside end-product equipment enclosure; it is not intended for retrofit installations in the enclosure of switchgears or panel boards.

INSTALLATION

Set up and wiring

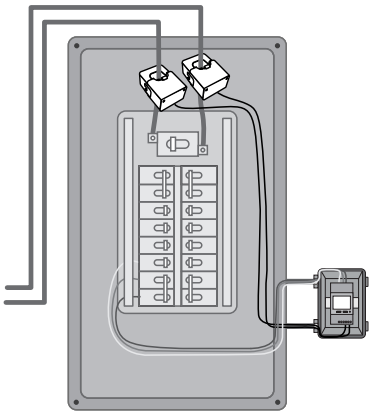


1. Fix the brackets to the enclosure by using the four screws.



2. Fix the enclosure close to the main electrical panel, using the 4 brackets.

INSTALLATION
Set up and wiring

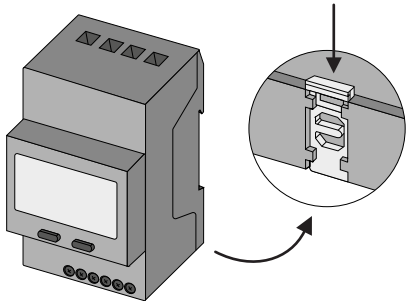


3. Choose though wich counduit it will go out from the electrical panel.

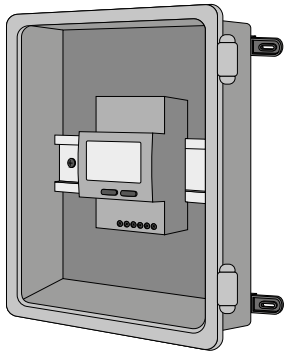
4. Drill a hole on the UL enclosure that will fit the conduit used.

5. Fit the conduit making sure the sealing is maintained.

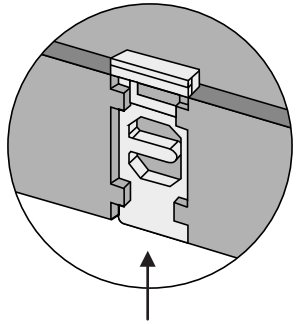
INSTALLATION
Mounting the meter



1. Push the plastic tab placed on the back of the meter.



2. Place the meter inside the enclosure by embedding the top of the EM 530 in the din rail.



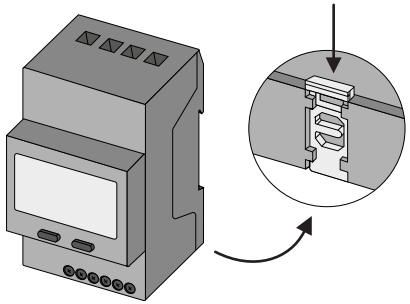
3. Finally, push back the tab coming out the bottom of the meter to fix it to the din.

Refer to Power Boost installation guide for finalizing the installation of the Power Meter.

EN

INSTALLATION

Dismounting the meter



1. Open the plastic tab on the meter.

2. Lift the bottom of the meter, then the top to remove it from the din.

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