

WallBase 80

Manual



Magnetic Wall Charger

Art No WB80 xx
MPN: WB80-x-Wave-001

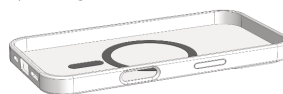
Content:

- 1 In-wall power supply
- 2 Qi Module
- 3 USB-C flat Cable 8 cm
- 4 Front Cover Cap 80 mm □
- 5 Manual EN, DE, FR, ...



A 'Qi2-certified' mobile phone case (with correctly fitted magnets) is highly recommended.

Even mobile phones without magnets inside, such as some newer Samsung models, will work with WallBase if you use a genuine Qi case.



Instructions for use

EN

Function / Intended Use

The smart things WallBase is a wireless wall charger for mobile phones with magnetic mounting, designed for existing building installations. The modular device consists of a compact flush-mounted power supply unit for connection to up to 240V~ at 50/60Hz and a USB-C output to which a Qi-standard inductive charger is connected via a short cable.

Install and use this IP20-rated product exclusively in protected locations (equipment box in accordance with DIN 49073) with an ambient temperature between +5°C and 35°C. Both components may become warm during prolonged use. This is normal. Avoid exposure to moisture, dust or other sources of heat.

The smartphone and mobile phone case must be compatible with Qi2 or MagSafe*. Check whether the installation location is also suitable for a magnetically held device: vibrations, narrow spaces, clearances, foot traffic!

HAZARDWARNING!

- This USB-Charger is part of the building installation. The relevant standards and directives of the country must be observed during planning and construction. The operation of the device is permissible only on the 240V / 50 Hz alternating current network. Work on the 240V mains may only be carried out by a certified electrician qualified in your country. The applicable accident prevention regulations must be observed.
- To avoid an electric shock on the device, please disconnect the mains voltage to the device (switch off the circuit breaker). Failure to comply with the installation instructions may cause fire or other hazards.
- The installation may only be carried out in commercially available flush-mounted wall-boxes (installation boxes), with a minimum depth of 42mm.
- When connecting the device terminals, observe the type of cabling which are permissible for this purpose.
- Pay close attention to the wiring diagram!

Mandatory information in accordance with the equipment safety standard:
Note! Only to be installed by persons with relevant electrical qualifications and experience! *

Improper installation will result in risk to your own life and risk to the life of persons using the electrical installation.
With an improper installation, you risk serious material damages, for example fire. You are personally liable for personal injury and material damages. Please contact a qualified electrical engineer.

* Specialist skills required for installation

- In particular, the following special knowledge is required for the installation:
- The applicable "Safety Rules": disconnect; protect against switching on; verifying mains power disconnect; earthing and short-circuiting; covering adjacent current-carrying components or making them inaccessible;
 - Selection of suitable tools, measuring equipment and – if necessary – personal protection equipment;
 - Evaluation of measurement results;
 - Selection of the electrical installation material to ensure compliance with the shut-down conditions;
 - IP-Protection classes;
 - Installation of electrical installation material;
 - the resulting connection conditions (conventional protective multiple earthing, safety earthing, additional measures required etc.).

Maintenance and cleaning

This USB-Charger is maintenance-free. Any repairs should only be carried out by a qualified electrician. Clean the unit with a soft, clean, dry, lint-free cloth only. Please do not use solvent-based cleaning agents. The plastic housing could be affected by this. Do not use wet cloths or sponges to clean the socket outlet.

RoHS/WEEE Compliance Statement (Recycling Instructions)
European Directive 2012/19/EU requires that equipment bearing the trashcan symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

Technical Specifications - WallBase

Input: 100–240V~ 50/60Hz; max. 0.5A
Output: USB PD Profile 5–12V; 1.67–3A
Output power: max. 15 watts
Standby power loss: ≤ 50 mW

Warranty

In accordance with statutory requirements, available through specialist retailers.

Documentation

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WallBase Qi Module

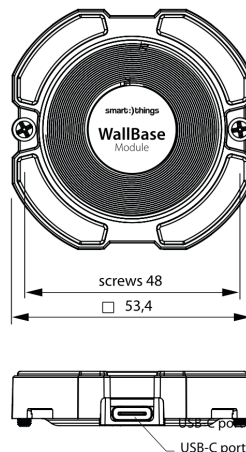
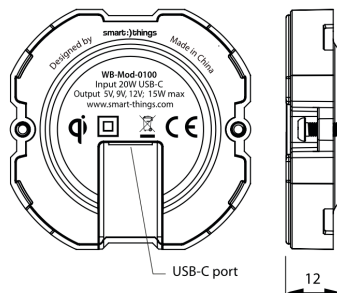
Wireless charger supports PD, QC2.0, QC3.0, and AFC fast charging protocols. Work efficiency is as high as 85%.

Safety: FOD, OTP, OVP, OCP, UVP
Wide voltage operation: 5V, 9V, 12V.
Highest output rated power 15W.
Model: WB-Mod-0100
Qi-ID: 26820 Wireless Power Consortium



Tests/Standards WallBase Module:

Efficient use of the radio spectrum
ETSI EN 303 417 V1.1.1 (2017-09)
Electromagnetic Compatibility (EMC)
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-3 V2.3.2 (2023-01)
EN 55032:2015+A1:2020 (Emission)
EN 55035:2017+A1:2020 (Immunity)
EN IEC 61000-3-2:2019+A1:2021 (Limits for harmonic currents)
EN 61000-3-3:2013+A2:2021 (Voltage fluctuations/flicker)
Health (Human Exposure)
EN IEC 62311:2020 (Limitation of electromagnetic fields)
EN 50665:2017 (Exposure to electromagnetic fields)
Safety
EN IEC 62368-1:2020+A11:2020 (Safety of audio/video, IT and communications equipment)



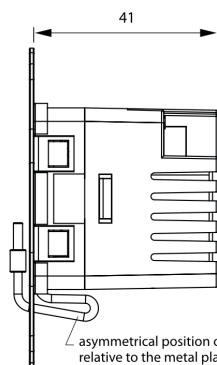
sC20-EU In-wall Charger

USB In-wall charger
Input: 100–240V~, 50/60 Hz, 0.5 A;
Output: 5V DC, 3.0 A; 9V DC, 2.22 A;
12V DC, 1.67 A
Total output power: 20W max, Class II
Model: XJY-USB-A171-3-20

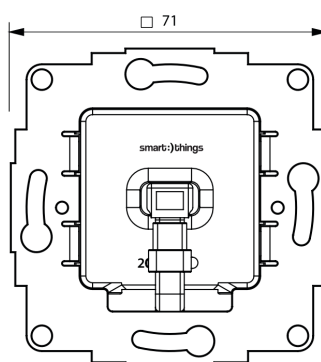


Tests/Standards sC20 EU:

Electromagnetic compatibility (EMC)
EN 55032: 2015+A1:2020+A1:2020
EN 55035: 2017+A1:2020
EN 61000-3-3: 2013+ A1:2019+A2:2021
EN IEC 61000-3-2: 2019+A1:2021
Safety
EN 62368-1:2014+A1:2017



asymmetrical position of charger relative to the metal plate allows good cable management in a standard wallbox.



WEEE smart things DE64398562