

2 years
manufacturer warranty

HARDY BARTH
emobility



cPμ2

Wallbox

Compact and
powerful for the
privat sector



www.echarge.de

cPμ2 Wallbox

Compact and powerful for the
privat sector

Charging control and visualization
via **web interface & app**

Local **overload protection**
with compatible system¹⁾

Operating states
via **LED indicators**

Excess PV charging
with compatible system¹⁾

Type 2 plug
holder (optional)

Fixed charging cable
with Type 2 plug

External control
via EVU contact

Wall mounting or mounting
on **stele** (optional)

¹⁾The following manufacturers are compatible with our charging station

Photovoltaik



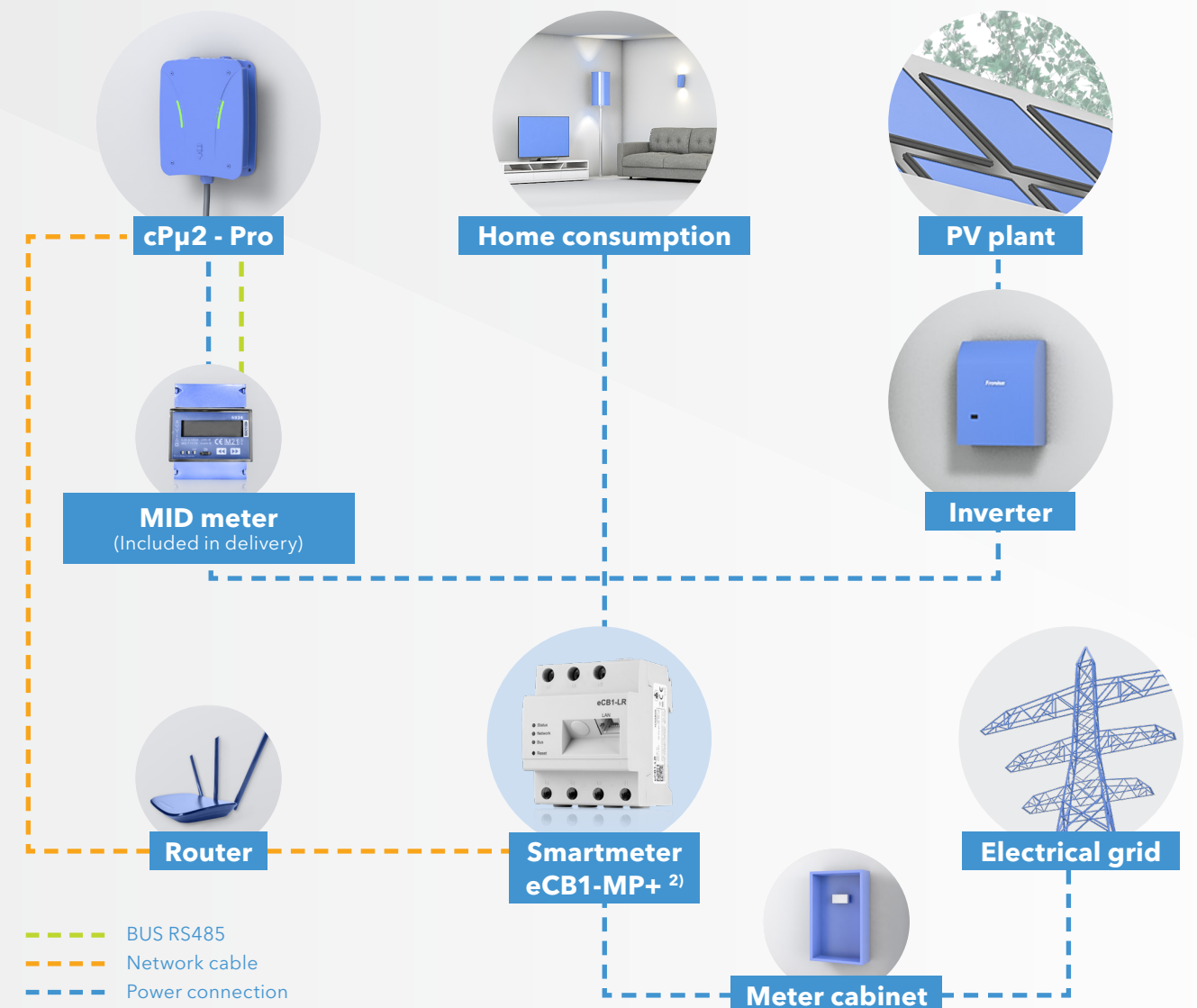
Load management



BackEnd



Excess PV charging



Hardy Barth Smartmeter eCB1-MP+

Our smartmeter eCB1-MP+ enables full PV excess charging and at the same time prevents an overload of your house connection, thanks to our dynamic real-time load management.

²⁾As an alternative to our Smartmeter eCB1-MP+, one of the following systems can be used:

- Fronius (Gen24, Smartmeter, DM2, EMIL)
- SMA (Homemanager 2.0/ SMA Energy Meter)
- Kostal (KSEM)
- Energy management system (Aski, Fenecon, Smart1)
- RCT
- Goodwe (inverter)
- Sungrow (inverter)



with current folding
transformers up to 1000A

More schemes can
be found on our website at:
www.echarge.de/de/service/download

cPp2 Wallbox

- For private sector
- Easy assembly
- Charging power up to 11 kW
- Operating states via LED indicators
- Fixed charging cable Type 2
- local API interface (cPp2 Pro)
- incl. automatic phase changeover (Article number with "P" at the end)

Technical data

Standards	acc. IEC 61851-1, Mode 3	
Mains connection	1 phase 230 V, 16 A, 50 Hz	3 phase 400 V, 16 A, 50 Hz
Rated voltage / current	230 V / 16 A	
Charging power max.	3,7 kW, 1 phase	11 kW, 3 phase
Charging cable acc. IEC 62196-2	Type 2	
Length of charging cable	4 m (spiral), 5 m (smooth), or 8 m (smooth)	
Circuit breaker	required on site	
DC fault current detection	electronic, DC-RCM, $I_{\Delta n, DC} \geq 6 \text{ mA}$	
Conductor cross section	min. 2,5 mm ² - max. 4 mm ²	
Operating temperature	-25 °C to 50 °C	
Class of protection	II	
Degree of protection (housing)	IP54	
Color / weight	anthracite / silver gray / approx. 7kg	
Dimensions	H: 283 mm / L: 196 mm / W: 88 mm	

Features

cPp2 - Pro

Visualization via web interface	✓
ISO 15118 ready	✓
Integration into home network	✓
Charge log	✓
Dynamic load management	✓
Excess PV charging	✓ ³⁾
Control according to §14a EnWG	Potential-free utility contact / API interface
eCharge MID energy meter external	✓
Communication RS485/ USB/ IO-Pins/RJ45	✓ / ✓ / ✓ / ✓
Item number	3M3801X

Optional accessories (item numbers)

RFID access control	3M40410
Smartmeter MP+ for foreign system³⁾	3M40405
Hardy Barth Type 2 Style Holder	3M40423
Stele with pedestal and concrete foundation	3M40433 + 3M40441 + 3M40420

3) See „Excess PV charging“ graphic on page 3.