

2 years  
manufacturer warranty

**HARDY BARTH**  
emobility



# cPμ2 Wallbox

Compact and  
powerful for the  
privat sector



[www.echarge.de](http://www.echarge.de)

# cPμ2

Wallbox

## Compact and powerful for the **privat sector**



 Local **overload protection** with compatible system<sup>1)</sup>

 Operating states via **LED indicators**

 **Excess PV charging** with compatible system<sup>1)</sup>

 **Type 2 plug holder** (optional)

 **Fixed charging cable** with Type 2 plug

 **External control** (Q2/2022) via EVU contact

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

<sup>1)</sup>The following manufacturers are compatible with our charging station

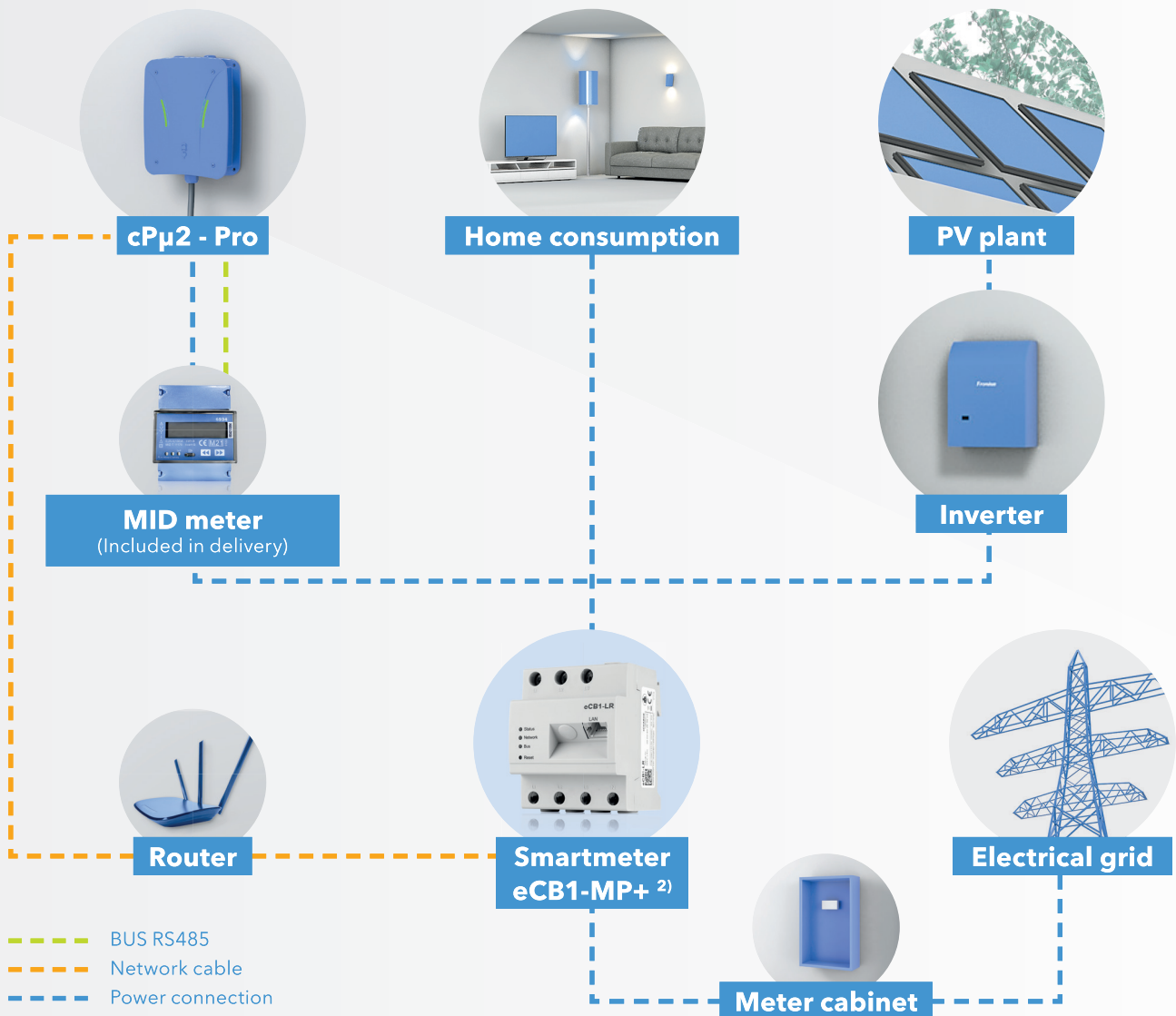
photovoltaic



Load management



## 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.

<sup>2)</sup>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 (compatible as of Q3/2022)



with current folding transformers up to 1000A

## 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)

## Technical data

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

Features	cPp2 - Lite (Q3/2022)	cPp2 - Pro
Visualization via web interface	-	✓
ISO 15118 ready	-	✓
Integration into home network	-	✓
Charge log	-	✓
Dynamic load management	-	✓
Excess PV charging	-	✓ <sup>3)</sup>
EVU control (Q2/2022)	✓	✓
eCharge MID energy meter external	-	✓
Communication RS485/ USB/ IO-Pins/RJ45	✓/✓/✓/✓-	✓/✓/✓/✓/✓
Item number	3M3802X	3M3801X

### Optional accessories (item numbers)

RFID access control	-	3M40410 (Q3/2022)
Smartmeter MP+ for foreign system <sup>3)</sup>	3M40405	3M40405
Hardy Barth Type 2 Style Holder	3M40423	3M40423
Stele with pedestal and concrete foundation	3M40433 + 3M40441 + 3M40420	3M40433 + 3M40441 + 3M40420

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