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# AC Meter DWH4513.7C



DZG Metering GmbH



[www.dzg-metering.de](http://www.dzg-metering.de)



## Product Type

High accuracy AC Meter for E-Mobility and Industry

## Technical Specifications

Voltage Range	0.8 V   $1.15 * U_N = 3 \times 230/400 \text{ V}_{AC}   1 \times 230 \text{ V}_{AC}$
Current Range	0.02 A   65 A
Accuracy	Class B (EN 50470-3), Class 1 (IEC 62053-41)
Reading Latency	~250 ms
Max. Power Consumption	1 W

## Physical Properties

Dimensions (L x W x H)	86 mm x 70 mm (4 SU) x 63 mm
Weight	350 g
Temperature Range	-40 °C   70 °C
Measurement Direction	Bidirectional Measurements
Measurement Capabilities	Software Based Cableloss Compensation

## Legal Metrology Compliant

German Eichrecht MessEG/EV (IEC 62052-11, IEC 62053-41)  
MID (EN 50470-3, IEC 62052-11)

## Smart Metering Features

- Eichrecht Logbook
- Remote Firmware Update
- Public Key via QR-Code on Dot Matrix Display
- Tariff Text
- Dynamic Pricing
- Custom Information on Meter Display
- Optional External DC Power Supply
- 300.000 charging sessions stored within the meters own storage
- Supports OCMF versions: 1.0, 1.1, 1.2, 1.3, 1.4
- Compliant with S.A.F.E transparency software

## Connectivity

Interface	RS485 (RJ12)
Communication Protocols	SLIP & Modbus RTU

## Accessories

Compatible with External Display ED-02

