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DC Meter GSH4020.8A



DZG Metering GmbH



www.dzg-metering.de



Product Type

High accuracy DC Meter for E-Mobility and Industry

Technical Specifications

Voltage Range	40 V 1000 V
Current Range	0.16 A 200 A
Accuracy	Class C (EN 50470-4), Class 0.5 (IEC 62053-41)
Reading Latency	~300 ms
Max. Power Consumption	1 W

Physical Properties

Dimensions (L x W x H)	108 mm x 71 mm (4 SU) x 80 mm
Weight	400 g
Temperature Range	-40 °C 80 °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 50470-4, IEC 62052-11)
UL (No. 61010)

Smart Metering Features

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

Connectivity

Interface	RS485 (RJ12)
Communication Protocols	SLIP

Accessories

Compatible with External Display ED-DC-01
Compatible with External Display ED-02

