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DC Meter GSH01



DZG Metering GmbH



www.dzg-metering.de



Product Type

High accuracy DC Meter for E-Mobility and Industry

Technical Specifications

Voltage Range	150 V 1000 V
Current Range	0.52 A 650 A
Accuracy	Class B (EN 50470-4), Class 1 (IEC 62053-41)
Reading Latency	~500 ms
Max. Power Consumption	1 W

Physical Properties

Dimensions (L x W x H)	115 mm x 107 mm (6 SU) x 67 mm
Weight	410 g
Temperature Range	-40 °C 80 °C
Measurement Direction	Unidirectional 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)
French Calibration Law (Décret n° 2001-387)

Smart Metering Features

- Eichrecht Logbook
- Public Key via QR-Code on Dot Matrix Display
- Optional External DC Power Supply
- 225.000 charging sessions stored within the meters own storage
- Supports OCMF versions: 1.0
- Compliant with S.A.F.E transparency software

Connectivity

Interface	RS485 (RJ12)
Communication Protocols	SLIP

Accessories

Compatible with External Display ED-DC-01

