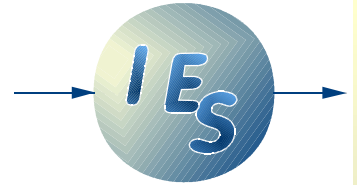


# IES 1125 Isolation Logger



## PRELIMINARY SHORTFORM DATA

Isolation tester and logger for testing of E-Vehicles according to FMVSS 305.

- ☺ **Ruggedized and Crash-proof**
- ☺ **Dimensions 105 x 80 x 64 mm<sup>3</sup>**
- ☺ **Local display shows information and alarms**
- ☺ **Minimum 8 h recording time**
- ☺ **Minimum 8 h Lilon battery lifetime**
- ☺ **Up to 950 V isolation test voltage**
- ☺ **Non volatile logger memory**
- ☺ **Alarm relay contact**
- ☺ **Four galvanical isolated temperature sensor inputs**
- ☺ **Extension bus for virtually any kind of sensor**
- ☺ **Ethernet and USB interface**
- ☺ **PC software for setup and data readout**



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## Specifications

Metrics	
Dimensions	105 x 80 x 64 mm <sup>3</sup>
Weight	0.75 kg

Environment	
Temperature range	0 ... 60°C
Acceleration	200 g

Electrical Interface	
Charge supply	12 V, 2 A
T0 (first alternative)	RS 485
T0 (second alternative)	isolated input for 5V-CMOS or contact switch

Measurement Performance	
Isolation barrier for temperature inputs	1000 V
Temperature sensor type	PT1000
Temperature accuracy uncalibrated (calibration available on request)	1 K
Memory	8 MBytes non volatile standard (24 MBytes optional)
HV input measuring range	+/- 1000 V
HV measuring accuracy	0.5 V
HV test voltage range	50 ... 950 V

### Ordering information: IES 1125

Also available:

- IES 1121 Isolated HV Probe
- IES 1106 600 A Current Clamp for E-Vehicles